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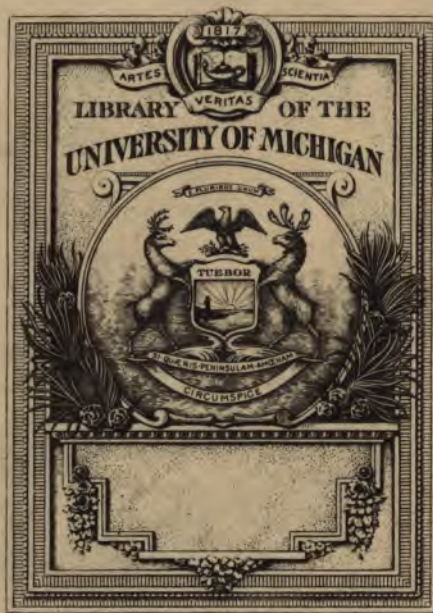
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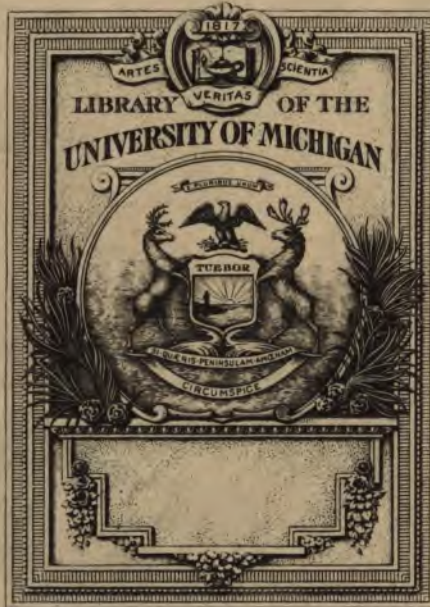
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FIFTY-FOURTH ANNUAL REPORT

OF THE

New York (City)

BOARD OF EDUCATION

OF THE

CITY OF NEW YORK

FOR THE

YEAR ENDING DECEMBER 31, 1895.

NEW YORK:
HALL OF THE BOARD OF EDUCATION,
CORNER OF GRAND AND ELM STREETS.

1896.

PRESS OF
JOHN POLHEMUS PRINTING COMPANY,
121 FULTON STREET,
NEW YORK.

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BOARD OF EDUCATION

OF THE
CITY OF NEW YORK.

1895.

CHARLES H. KNOX, *President to June 24th.*
ROBERT MACLAY, *President July 1st, to Dec. 31st.*
ARTHUR McMULLIN, *Clerk.*

NAME.	RESIDENCE.	PLACE OF BUSINESS.	TERM EXPIRES JAN 1.
ROBERT MACLAY.....	50 W. 57th st.....	432 Canal st.....	1896
JAMES W. GERARD.....	17 Gramercy Park.....		1896
R. DUNCAN HARRIS.....	117 E. 34th st.....	35 William st.....	1896
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HUGH KELLY.....	"	R. DUNCAN HARRIS.	
JACOB W. MACK.....	"	RANDOLPH GUGGENHEIMER.	
ALEX. P. KETCHUM.....	"	JAMES S. COLEMAN.	
CHARLES C. WEHRUM.....	"	GEO. LIVINGSTON.	
RICHARD H. ADAMS.....	"	WM. J. VAN ARSDALE.	
JOSEPH J. LITTLE.....	"	JAMES W. MCBARRON.	
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WM. J. VAN ARSDALE....	"	CHARLES H. KNOX.	
WM. H. HURLBUT.....	"	THADDEUS MORIARTY.	
	"	MILES M. O'BRIEN.	
	"	ALBERT J. ELIAS.	

MEMBERS OF THE BOARD OF EDUCATION.

JANUARY 1, 1896.

ROBERT MACLAY, *President.*
ARTHUR McMULLIN, *Clerk.*

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1895.

CHARLES H. KNOX, *Chairman, to June 24th.*

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*ALEXANDER S. WEBB.....			

**Ex-Officio.*

DANIEL E. MCSWEENEY, M.D. Succeeded.....	JAMES W. GERARD.
HUGH KELLY.....	" R. DUNCAN HARRIS.
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WM. H. HURLBUT.....	" THADDEUS MORIARTY.
NATHANIEL A. PRENTISS..	" MILES M. O'BRIEN.
EDWARD H. PEASLEE, M.D.	" ALBERT J. ELIAS.

EXECUTIVE COMMITTEE
OF THE
COLLEGE OF THE CITY OF NEW YORK.
JULY 9TH, 1895.

*R. DUNCAN HARRIS,
J. A. GOULDEN, JOHN L. N. HUNT,
ROBERT MACLAY, EMILE BENEVILLE,
ALEX. P. KETCHUM, AUGUSTE P. MONTANT,
CHARLES STRAUSS, ALEX. S. WEBB.

JULY 10TH TO DEC. 31ST, 1895.

ALEX. P. KETCHUM,
CHARLES STRAUSS, JOSEPH A. GOULDEN,
JOHN L. N. HUNT, EMILE BENEVILLE,
AUGUSTE P. MONTANT, WILLIAM H. HURLBUT,
HUGH KELLY, ALEXANDER S. WEBB.

* Vice Charles L. Holt, resigned.

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COLLEGE CITY OF NEW YORK.
1896.

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* ALEX. S. WEBB.....			

* *Ex-officio.*

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1896.

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AUGUSTE P. MONTANT, JOSEPH J. LITTLE,
HUGH KELLY, JACOB W. MACK,
EMILE BENEVILLE, ALEXANDER S. WEBB.

MEMBERS
OF THE
BOARD OF TRUSTEES
OF THE
NORMAL COLLEGE OF THE CITY OF NEW YORK.
1895.

CHARLES H. KNOX, *Chairman to June 24th.*
ROBERT MACLAY, *Chairman July 10th to Dec. 31st.*
ARTHUR McMULLIN, *Secretary.*

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*THOMAS HUNTER.....			1898

* *Ex-officio.*

DANIEL E. MCSWEENEY, M.D. Succeeded . . .	JAMES W. GERARD.
HUGH KELLY	" R. DUNCAN HARRIS.
JACOB W. MACK	" RANDOLPH GUGGENHEIMER.
ALEXANDER P. KETCHUM . .	" JAMES S. COLEMAN.
CHARLES C. WEHRUM	" GEORGE LIVINGSTON.
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JOSEPH J. LITTLE	" JAMES W. MCBARRON.
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EDWARD H. PEASLEE, M.D. .	" ALBERT J. ELIAS.

EXECUTIVE COMMITTEE
OF THE
NORMAL COLLEGE OF THE CITY OF NEW YORK.
JULY 9, 1895.

RANDOLPH GUGGENHEIMER,
THADDEUS MORIARTY, WM. J. VAN ARSDALE,
MILES M. O'BRIEN, R. DUNCAN HARRIS,
CHAS. BULKLEY HUBBELL, HENRY A. ROGERS,
JAMES W. GERARD, THOMAS HUNTER.

. JULY 10TH TO DECEMBER 31ST, 1895.

CHARLES BULKLEY HUBBELL,
EDWD. H. PEASLEE, M.D., NATHANIEL A. PRENTISS,
HENRY A. ROGERS, CHARLES C. WEHRUM,
DANIEL E. MCSWEENEY, M.D., WM. J. VAN ARSDALE,
WM. H. HURLBUT, THOMAS HUNTER.

MEMBERS
OF THE
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OF THE
NORMAL COLLEGE OF THE CITY OF NEW YORK.
1896.

ROBERT MACLAY, *Chairman.*
ARTHUR McMULLIN, *Secretary.*

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NATHANIEL A. PRENTISS,
EDWARD H. PEASLEE, M.D.,
THOMAS HUNTER.

PRESIDENTS OF THE BOARD OF EDUCATION

FROM THE DATE OF THE ORGANIZATION, IN 1842, TO THE PRESENT
TIME.

GEORGE W. STRONG, . . .	1842.
THOMAS JEREMIAH, . . .	1843.
GERARDUS CLARK, . . .	1844.
ISAAC A. JOHNSON, . . .	1845.
TOWNSEND HARRIS, . . .	1846, 1847.
ROBERT KELLY, . . .	1848, 1849.
ERASTUS C. BENEDICT, . . .	1850, 1851, 1852, 1853 and 1854.
WILLIAM H. NEILSON, . . .	1855, 1858, April 5 to December 31. 1873, 1874 and 1875.
ANDREW H. GREEN, . . .	1856, 1857.
RICHARD WARREN, . . .	1859.
WILLIAM E. CURTIS, . . .	1860, 1861, 1862 and 1863.
JAMES M. McLEAN, . . .	1864, 1865, 1866 and 1867.
RICHARD L. LARREMORE, . . .	1868, 1869, and Jan. 1 to July 1, 1870.
BERNARD SMYTH, . . .	July 1, to Dec. 31, 1870, 1871, 1872.
JOSIAH G. HOLLAND, . . .	January 1 to April 5, 1873.
WILLIAM WOOD, LL.D., . . .	1876, 1877, 1878 and 1879.
STEPHEN A. WALKER, LL.D., . . .	1880, 1881, 1882, 1883, 1884, 1885, 1886.*
J. EDWARD SIMMONS, LL. D., . . .	March 17, 1886, 1887, 1888, 1889, to July 2, 1890.
JOHN L. N. HUNT, . . .	July 2, 1890, 1891, 1892.
ADOLPH L. SANGER, . . .	1893.
CHARLES H. KNOX, . . .	1894 to June 24, 1895.
ROBERT MACLAY, . . .	1895 from July 1st.

CLERKS

FROM 1842 TO THE PRESENT TIME.

JOHN A. STEWART, . . .	June, 1842, to March 30, 1850.
E. B. FELLOWS, . . .	March 30 to June 19, 1850.
ALBERT GILBERT, . . .	June 19, 1850, to 1858.
THOMAS BOESE, . . .	From 1858 to April 7, 1869.
JOHN DAVENPORT, . . .	April 7 to May 12, 1869.
WILLIAM HITCHMAN, . . .	May 12, 1869, to May 4, 1870.
LAWRENCE D. KIERNAN, . . .	May 4, 1870, to June 33, 1886.
ARTHUR McMULLIN, . . .	Oct. 6, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895.

* Resigned March 4, 1886.

BOARD OF EDUCATION, 146 GRAND STREET, {
NEW YORK, *May* 8, 1896. }

HON. WILLIAM L. STRONG,

Mayor of the City of New York :

SIR—Herewith please find a copy of the Annual Report of the Board of Education, showing the operations of the Board for the year ending December 31, 1895.

Very respectfully yours,

ROBERT MACLAY,

President.

ARTHUR McMULLIN, *Clerk.*

REPORT.

To the Honorable the Superintendent of Public Instruction of the State of New York, and to the Common Council of the City of New York :

By the 5th subdivision of section 1028 of the Act to Consolidate the Laws Relating to the City of New York (*Laws of 1882, p. 290*), the Board of Education is required to make and transmit, between the fifteenth day of January and the first day of February in each year, to the State Superintendent of Public Instruction and to the Common Council of the City of New York, a report, in writing, bearing date on the thirty-first day of December next preceding, stating—

The whole number of schools within their jurisdiction, specially designating the schools for colored children ;

The schools or societies from which reports shall have been made to the Board of Education, within the time limited for that purpose ;

The length of time such schools shall have been kept open ;

The amount of public money apportioned or appropriated to such schools or societies ;

The number taught in each school ;

The whole amount of money drawn from the City Treasury for the purposes of public education during the year ending at the date of their report, distinguishing the amount received from the general fund of the State, and from all other and what sources ;

The manner in which such moneys shall have been expended ;

And such other information as the State Superintendent of Public Instruction may, from time to time, require in relation to common school education in the city of New York :

And the report which the Board of Education is thus required to make is to be held and taken to be a full compliance with every law requiring a report from the said Board, or any officer of the city and county of New York, except the City Superintendent, relative to the schools in the said city, or any matters connected therewith.

In compliance with the statutory provisions referred to, the Board of Education respectfully submits the

FIFTY-FOURTH ANNUAL REPORT

showing the operations of the Board for the year ending December 31, 1895.

STATISTICAL.

The following schedules contain the required statistical information :

I.—WHOLE NUMBER OF SCHOOLS.

Grammar Schools for Males.....	49
“ “ “ Females.....	49
“ “ “ both sexes.....	23
Primary Departments of Grammar Schools.....	86
Primary Schools, separate.....	46
Evening Schools.....	31
Nautical School.....	1
Corporate Schools (Industrial Schools, Reformatories, Orphan Asylums, etc.).....	44
<hr/> Total.....	<hr/> 329

II.—SCHOOLS FROM WHICH REPORTS HAVE BEEN MADE.

All the schools above-named have, in accordance with the accustomed rule, presented reports to the Board of Education within the time limited.

The following is a list of the Corporate and Asylum Schools which have reported :

1. The New York Orphan Asylum School.—Act passed 3d July, 1851 (N. Y. City Consolidation Act of 1882) ; page 42 of Manual Board of Education.
2. The Roman Catholic Orphan Asylum School.—Act passed 3d July, 1851 (N. Y. City Consolidation Act of 1882) ; page 42 of Manual Board of Education.
3. The Schools of the two Half-Orphan Asylums.—Act passed 3d July, 1851 (N. Y. City Consolidation Act of 1882) ; page 43 of Manual Board of Education.
4. The Schools of the Society for the Reformation of Juvenile Delinquents.—Amended Act of 3d July, 1851 (N. Y. City Consolidation Act of 1882) ; page 43 of Manual Board of Education.
5. The Schools of the Leake and Watts Orphan House.—Act passed 3d July, 1851 (N. Y. City Consolidation Act of 1882) ; page 43 of Manual Board of Education.
6. The School of the Association for the Benefit of Colored Orphans.—Amended Act of 3d July, 1851 (N. Y. City Consolidation Act of 1882) ; page 43 of Manual Board of Education.

7. The Schools of the American Female Guardian Society.—Act passed 3d July, 1851 (N. Y. City Consolidation Act of 1882); page 43 of Manual Board of Education.
8. The School established and maintained by the New York Juvenile Asylum.—Act passed June 30, 1851; as amended by Chap. 332, Laws of 1861 (N. Y. City Consolidation Act of 1882); page 43 of Manual Board of Education.
9. The House of Reception for Juvenile Asylum.—Act passed 30th of June, 1851; as amended by Chap. 322, Laws of 1851.
10. The School established and maintained by the Ladies' Home Missionary Society of the Methodist Episcopal Church.—Chap. 405, Laws of 1855 (N. Y. City Consolidation Act of 1882); page 41 of Manual Board of Education.
11. The School established and maintained by the Five Points House of Industry.—Chap 405, Laws of 1855 (N. Y. City Consolidation Act of 1882); page 41 of Manual Board of Education.
12. The Industrial Schools established and maintained under the charge of the Children's Aid Society.—Chap. 258, Laws of 1863 (N. Y. City Consolidation Act of 1882); page 41 of Manual Board of Education.
13. The School established and maintained by the New York Society for the Relief of the Ruptured and Crippled.—Chap. 835, Sec. 3, of Laws of 1872 (N. Y. City Consolidation Act of 1882); page 46 of Manual Board of Education.
14. Nursery and Child's Hospital.—Act passed April 17, 1886 (N. Y. City Consolidation Act of 1882); page 43 of Manual Board of Education.

15. Hebrew Benevolent and Orphan Asylum Society.—Act passed April 21, 1874. Chap. 230, Laws of 1874 (N. Y. City Consolidation Act of 1882); page 46 of Manual Board of Education.
16. Association for Befriending Children and Young Girls.—Act passed June 26, 1880. Chap. 598, Laws of 1880; page 58 of Manual Board of Education.

III.—RESOURCES.

Balance of funds for the year 1890.	\$4,240 18
Balance of funds for the year 1891.	5,092 82
Balance of funds for the year 1892.	3,834 53
Balance of funds for the year 1893.	20,738 57
Balance of funds for the year 1894.	180,463 89
Fund for general purposes for 1895.	5,092,495 14
Special fund (sales of old property).	173,634 99
Bonds (proceeds only).....	1,409,375 16
Bonds, sanitary (proceeds only)....	99,480 84
	<hr/> \$6,989,356 12

Expenditures.

The whole amount of money drawn from the Comptroller for the purpose of public instruction for the year 1895, was, as ap- pears by vouchers sent him...\$6,112,227 71	
(The objects for which this money was expended are given in the following general statement.)	
Relinquished in favor of the City Treasury	10,851 55
	<hr/> \$6,123,079 26
Balance December 31, 1895.....	<hr/> \$866,276 86

General statement of expenditures referred to:

Account of 1890

Salaries of Teachers.....	\$40 35	
Repairs.....	650 00	
	<hr/>	\$690 35

Account of 1891

Salaries of Teachers.....	\$27 10	
Salaries of Janitors.....	63 87	
	<hr/>	90 97

Account of 1892

Salaries of Janitors		78 00
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Account of 1893

Salaries of Teachers.....	\$47 92	
Salaries of Janitors.....	23 25	
Supplies	136 75	
Repairs, etc	1,108 39	
Lectures	120 00	
	<hr/>	1,436 31

Account of 1894

Salaries of Teachers, Janitors, Evening Schools, Clerks to Trustees	\$31,762 41	
Supplies, Rents, Incidentals, Fuel, Gas	48,655 58	
Repairs, etc	69,386 58	
Nautical School, Lectures, Technical, Manual and Industrial Education, Physical Exercise, Transportation	3,358 21	
	<hr/>	153,162 78

Account of 1895

Salaries of Teachers, Janitors, Evening Schools, Officers and Clerks, Superintendents, Attendance Officers, Workshop, Clerks to Trustees	\$3,862,908 54	
Supplies, Rents, Incidentals, Fuel, Gas, Transportation, Libraries ..	407,489 29	
Repairs, etc	272,502 55	
Corporate Schools	137,144 41	
Nautical School, Lectures, Technical, Manual and Industrial Education, Physical Exercise	72,431 94	
Annexed District	11,411 76	
Retirement Fund	12,633 34	
	<hr/>	4,776,521 83

School House Bonds.

Buildings, Sites, Furniture, Heating, Draughtsmen, Inspectors, Surveys, etc	940,140 47
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Sanitary Bonds.

Heating and Ventilating, Repairs, etc	86,107 00
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Special Fund.

Buildings	154,000 00
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\$6,112,227 71

IV.—STATE SCHOOL TAX.*

The following table shows the total amount of State School Tax levied for each State fiscal year during the past thirty-five years, including 1895; the amount of State School Tax paid by the City and County of New York; the amount of State School Tax apportioned to the City and County of New York; the amount of the "State School Fund," paid to the City and County of New York; and the total amount received from the State for Common Schools of the City and County of New York.

Year commencing Oct. 1— State Fiscal Year.	Aggregate State Tax for Schools of the State.	Amount of State School Tax paid by the City of New York.	Amount of State School Tax apportioned to the County of New York.	Amount received by the County of New York from the "State School Fund."	Total amount received from the State for the Common Schools in the County of New York.	Difference between School Tax paid and received by the City of New York.
1861.....	\$1,081,325 57	\$428,309 10	\$184,375 13	\$60,735 21	\$245,140 34	\$183,108 76
1862.....	1,080,802 72	412,218 23	195,651 15	54,965 84	250,616 90	161,601 24
1863.....	1,090,841 11	401,132 71	197,138 06	55,127 48	252,265 54	148,867 17
1864.....	1,125,749 90	432,000 12	205,304 13	55,592 09	260,896 22	171,103 90
1865.....	1,163,159 76	466,946 28	190,425 58	51,854 76	242,280 34	224,665 94
1866.....	1,148,422 22	455,068 27	191,186 65	53,254 93	247,441 58	207,646 69
1867.....	2,080,134 65	891,735 08	348,707 75	46,107 05	394,814 80	496,920 28
1868.....	2,207,611 42	997,758 14	374,637 64	47,579 23	422,216 92	575,541 22
1869.....	2,325,150 96	1,089,889 16	377,879 76	50,167 86	428,047 62	661,841 54
1870.....	2,458,751 48	1,160,354 33	398,312 54	49,935 02	448,247 56	717,106 77
1871.....	2,565,672 87	1,269,156 70	453,130 00	54,472 87	507,602 87	761,553 83
1872.....	2,610,794 31	1,301,567 04	457,364 94	54,196 98	511,561 92	790,005 12
1873.....	2,662,032 98	1,380,122 61	487,505 77	55,900 37	543,406 14	836,716 47
†1874.....	2,711,634 84	1,382,445 86	498,374 01	55,817 98	554,191 99	828,253 87
†1875.....	2,959,725 13	1,506,914 49	530,350 61	54,363 97	584,654 68	922,259 90
†1876.....	3,832,834 09	1,503,983 85	543,926 75	53,704 43	596,631 18	907,352 67
†1877.....	3,100,207 86	1,388,465 07	574,793 19	52,890 61	627,683 80	760,781 27

11878.....	2,927,326 72	1,382,155 92	536,279 88	52,267 33	589,567 21	703,588 71
11879.....	2,917,147 10	1,354,103 44	539,343 78	52,445 76	591,089 54	762,413 90
11880.....	2,862,088 12	1,322,993 97	540,949 97	52,233 01	593,182 98	729,810 99
11881.....	3,056,633 67	1,431,136 40	569,138 36	54,886 38	624,025 37	807,111 03
11882.....	3,062,050 82	1,444,035 37	572,028 38	35,271 44	624,066 13	819,989 24
11883.....	3,099,165 63	1,410,988 73	574,029 06	35,413 34	625,408 79	785,570 94
11884.....	3,180,393 00	1,467,079 63	573,656 96	35,374 34	624,397 66	842,081 97
11885.....	3,094,731 46	1,413,415 02	540,073 07	33,271 53	589,310 96	834,104 06
11886.....	3,056,633 67	1,635,110 19	635,234 96	33,150 05	684,351 36	970,738 83
11887.....	3,697,240 09	1,650,605 91	640,417 26	33,374 89	688,958 53	961,647 38
11888.....	3,469,199 95	1,560,373 51	635,778 00	33,126 06	684,068 42	876,305 00
11889.....	3,460,406 86	1,566,787 10	633,548 02	33,090 99	680,135 31	886,651 79
11890.....	3,580,999 19	1,743,866 19	653,955 44	31,423 98	698,030 02	1,045,836 17
11891.....	3,779,393 75	1,735,264 97	647,877 93	31,435 38	691,933 31	1,043,329 66
11892.....	3,931,741 50	1,788,866 72	665,198 10	32,640 64	706,137 37	1,082,729 35
11893.....	3,957,297 78	1,788,340 47	663,316 25	32,897 79	711,428 28	1,076,912 19
11894.....	3,969,887 95	1,818,830 26	648,343 46	32,511 00	696,069 32	1,112,750 92
Totals	\$93,577,179 56	\$43,002,050 83	\$16,476,130 61	\$1,738,932 34	\$18,215,082 95	\$34,786,987 88

* This record has been compiled from records in the Comptroller's office and the office of the State Superintendent.
† From United States Deposit Fund.

	Aggregate State Tax for Schools of the State.	Amount of State School Tax paid by City to the State.	Amount of School moneys apportioned to the City.	Amount received for Libraries.	Difference between School Tax paid and received by City of New York.
1895.....	\$4,094,557 24	\$1,857,373 25	\$681,333 56	\$12,438 06	\$1,163,601 63

NUMBER OF TEACHERS EMPLOYED DURING THE PAST TEN YEARS. *

	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895
Grammar Departments.....	1,544	1,575	1,608	1,613	1,614	1,632	1,667	1,651	1,709	1,996
Primary Departments and Schools	1,754	1,741	1,772	1,831	1,833	1,864	2,000	2,025	2,078	2,187
Evening Schools	302	302	287	340	345	371	363	381	393	395
Special Subjects	73	80	94	95	118	126	127	126	134	129
Evening High School	27	51	78	76	105	99	99	102	101	103
Total	3,700	3,749	3,839	3,955	4,010	4,092	4,256	4,285†	4,415	4,810

* Excludes teachers in Corporate Schools.

† Including vacancies December 31st.

NUMBER AND COST OF TEACHERS EMPLOYED IN THE PUBLIC SCHOOLS.

- 69 Male Principals in Grammar Schools.
- 12 Male Vice-Principals.
- 238 Male Assistants in Male and Mixed Grammar Schools.
- 896 Female Assistants in Male and Mixed Grammar Schools.
- 49 Female Principals in Female and Mixed Grammar Schools.
- 13 Female Vice-Principals in Female and Mixed Grammar Schools.
- 719 Female Assistants in Female Grammar Schools.
- 128 Female Principals in Primary Schools and Departments.
- 31 Female Vice-Principals in Primary Schools and Departments.
- 2,028 Female Assistants in Primary Schools and Departments.
- 16 Male Principals in Male Evening Ward Schools.
- 210 Male Assistants in Male Evening Ward Schools.
- 11 Female Principals in Female Evening Ward Schools.
- 158 Female Assistants in Female Evening Ward Schools.
- 129 Teachers of Special Subjects, Music, Drawing, Phonography, French and German languages, and for Manual-Training and Physical Exercise.
- 103 Teachers, consisting of 4 Male Principals and 99 Male Assistants in the Evening High Schools.

4,810

305 Teachers in Corporate Schools.

3 Teachers in Nautical School.

5,118 Total Teachers employed.

The cost of these several classes of Teachers in the Common Schools, by annual salaries, was as follows :

For Male Departments of Grammar Schools	\$1,141,403 00
For Female Departments of Grammar Schools . .	665,376 00
For Primary Departments and Primary Schools	1,493,095 02
For Special Teachers	104,050 10
For Male and Female Departments of Evening Ward Schools and Evening High Schools . .	169,940 98
Total	<hr/> \$3,573,865 10

COST IN EACH DEPARTMENT OF THE SCHOOL SYSTEM FOR THE
YEAR 1895.

Male Departments of Grammar Schools.

Number of Teachers.	Amount.
69 Male Principals were paid for salaries	\$200,250 00
Viz.:—50 at \$3,000 2 at \$2,500	
14 at 2,750 3 at 2,250	
9 Male Vice-Principals were paid for salaries.	38,500 00
238 Male Assistants were paid for salaries	350,852 00
896 Female Assistants were paid for salaries . .	551,801 00
Total	<hr/> \$1,141,403 00

Female Departments of Grammar Schools.

49 Female Principals were paid for salaries..	\$87,200 00
Viz.:—27 at \$1,900	5 at \$1,600
14 at 1,700	1 at 1,500
2 at 1,300	
13 Female Vice-Principals were paid for salaries	15,400 00
719 Female Assistants were paid for salaries...	562,776 00
Total	\$665,376 00

Primary Departments and Schools.

128 Principals were paid for salaries.....	\$224,850 00
Viz.:—75 at \$1,750	3 at \$1,400
19 at 1,700	7 at 1,300
8 at 1,600	7 at 1,100
13 at 1,500	8 at 1,000
31 Female Vice-Principals were paid for salaries	28,900 00
2,028 Female Assistants were paid for salaries...	1,239,345 02
Total	\$1,493,095 02

V.—NUMBER OF SCHOLARS

Taught in the Schools under the jurisdiction of the Board of Education and average attendance for the past ten years.

WHOLE NUMBER TAUGHT.

Schools.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.
Grammar Schools and Primary Departments	215,863	217,510	214,461	215,066	218,535	224,425	228,410	230,974	243,353	257,830
Primary Schools	40,039	39,723	40,328	40,022	39,026	41,910	42,521	42,439	44,019	46,268
Evening Schools.....	20,806	21,649	22,131	26,675	24,324	29,273	34,191	30,672	36,864	33,008
Normal College and Training Department.	3,955	3,956	*4,205	.....	.....	.....	.....	.....	.....	.....
Nautical School.....	170	126	176	149	124	111	97	45	77	72
Total	280,943	282,964	282,701	281,932	282,009	295,719	305,219	304,130	334,333	339,178
Corporate Schools.....	23,815	23,962	24,196	25,176	25,800	24,289	25,394	25,830	27,997	28,028
Grand Total.....	304,758	306,926	306,897	307,108	307,809	320,008	330,613	329,960	362,330	367,206

*To June 9th, date of passage of new law.

AVERAGE ATTENDANCE.*

SCHOOLS.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.
Grammar Schools and Primary Departments	113,555	114,735	114,710	114,635	117,937	119,695	122,427	125,773	128,373	132,751
Primary Schools.....	19,190	19,546	19,538	19,514	18,903	20,344	21,055	20,353	22,889	23,900
Evening Schools.....	8,266	7,979	9,049	10,218	10,125	11,018	12,197	11,344	14,753	11,679
Normal College and Training Department..	2,471	2,468	2,505	.....	.....	.....	.....	.....	.....	.....
Nautical School.....	72	79	84	74	59	56	54	38	48	54
Total.....	143,574	144,856	145,486	144,441	146,854	151,613	155,733	153,106	171,061	179,384
Corporate Schools.....	10,069	10,029	10,473	10,825	10,639	10,846	11,545	11,431	13,487	13,474
Grand Total.....	153,643	154,885	155,959	155,266	157,493	162,459	167,278	164,537	184,548	192,858

* This schedule is made up for the time the several schools were actually in session.

GRAMMAR SCHOOLS.

The average attendance in the Male Departments of the Grammar Schools.....	34,256
The average attendance in the Female Departments of the Grammar Schools.....	33,678
	<hr/>
Total average attendance in Grammar Schools....	67,934
The average attendance in the Primary Depart- ments and Schools.....	99,717
	<hr/>
Total average attendance in Grammar Schools and Primary Schools and Departments.....	167,651
	<hr/>
The teaching of 67,934 pupils in 1895 in the Gram- mar Schools cost for salaries.....	\$1,806,779 00
Supplies for Grammar Schools cost.....	131,770 18
	<hr/>
Total	\$1,938,549 18
Average cost per scholar, exclusive of special teaching	28 54
	<hr/>

PRIMARY SCHOOLS.

The teaching of 99,717 pupils in 1895 in the Primary Schools and Departments cost for salaries.....	\$1,493,095 02
Supplies for Primary Schools and Departments cost	50,436 85
	<hr/>
Total.....	\$1,543,531 87
Average cost per scholar, exclusive of special teaching	15 48
	<hr/>

EVENING SCHOOLS.

Salaries paid in the Evening High Schools, term of 1894 and 1895	\$49,906 05
Supplies through the Depository, term of 1894 and 1895	2,595 94
Total	\$52,501 99
Average attendance (term).....	2,571
Average cost per scholar	20 42
Salaries paid in the Ward Evening Schools, term of 1894 and 1895	\$113,151 16
Supplies through the Depository, term of 1894 and 1895	5,803 41
Total	\$118,954 57
Average attendance (term).....	9,099
Average cost per scholar	13 07

NAUTICAL SCHOOL.

For support of Nautical School	\$21,878 70
Supplies through the Depository	24 67
Total	\$21,903 37
Average attendance	54
Average cost per scholar	405 62

Cost per Scholar in the Grammar and Primary Schools and Departments, Nautical School and Evening Schools during the past ten years.

YEARS.	Grammar Schools.	Primary Departments and Schools.	Nautical School.	Evening High Schools.	Evening Schools.
1886.....	\$29 80	\$15 49	\$331 69	\$16 44	\$10 39
1887.....	29 65	15 58	341 71	17 74	10 68
1888.....	30 11	15 71	330 03	20 34	9 98
1889.....	30 80	15 94	373 12	24 11	9 66
1890.....	31 65	15 78	421 19	22 92	10 04
1891.....	31 25	16 05	492 27	25 01	10 07
1892.....	30 87	16 41	419 03	23 54	11 22
1893.....	30 28	16 50	527 02	23 47	12 32
1894.....	28 65	15 81	417 52	20 07	9 48
1895.....	28 54	15 48	405 62	20 42	13 07

*Amounts paid for Compulsory Education and for Teaching of
Special Subjects for the past seven years.*

YEARS.	Compul- sory Education	Music.	Drawing.	German.	French.	Total.
1889-----	\$13,199 38	\$15,240 00	\$27,977 80	\$28,906 82	\$4,197 50	\$89,521 45
1890-----	13,040 30	14,280 00	26,977 32	27,208 70	6,050 00	97,556 32
1891-----	13,147 38	12,156 68	24,794 90	47,078 00	8,959 48	106,136 39
1892-----	12,308 32	10,963 21	25,505 40	46,707 58	8,941 30	104,420 81
1893-----	12,939 72	10,637 50	25,611 40	45,962 70	9,747 93	104,899 25
1894-----	13,200 00	11,238 70	26,704 40	56,267 60	10,337 60	117,798 30
1895-----	14,666 67	9,596 30	23,294 70	60,449 10	10,710 00	118,716 77

SUPPLIES 1895.

Grammar Schools, Primary Schools and Janitors	\$196,692	26
Nautical School	24	67
New York Evening High School	671	55
Harlem " " "	1,151	21
Central " " "	629	18
East Side " " "	775	44
Evening Schools	5,312	96
Trustees' Account	354	18
Inspectors' "	11	08
Officers of the Hall	1,026	80
	<u>\$206,649</u>	<u>33</u>

BUILDINGS AND SITES, ETC.

For detailed information in respect to buildings, sites, repairs, heating apparatus, plumbing and furniture, the reader is referred to the Annual Report of the Superintendent of School Buildings, which is printed as one of the appendices to this report.

NAUTICAL SCHOOL.

See Annual Report of the Superintendent in the Appendix.

EVENING SCHOOLS.

During the year an additional Male School for Juniors was organized in the Twelfth Ward. The twenty-seven Evening Schools now in existence are divided as follows: Male Schools for Seniors, 6; Female Schools for Seniors, 4; Male Schools for Juniors, 9; Female Schools for Juniors, 7; Mixed School for Juniors, 1. In the last mentioned school, instruction is given to Seniors in some of the subjects belonging to the course of instruction for Senior Schools.

No modification of the Course of Study was made during the year.

The whole number of pupils registered during the term 1894-1895 was 25,922, and the average nightly attendance was 9,099. The average attendance of foreigners studying English was 3,476. The average attendance of all the classes of Schools was 35 per cent. of the registration.

Detailed statistics with reference to the Evening Schools will be found in the Annual Report of the City Superintendent of Schools, appended to this Report.

EVENING HIGH SCHOOLS.

The Evening High Schools continue under the same organization as stated in the last Annual Report. They are four in number, viz., New York, East Side, Harlem, and Central. Some modifications were made in the general regulations, the purpose of such modifications being to make more marked the distinction between the High Schools and the regular Evening Schools.

The whole number of pupils registered in these schools during the term 1894-1895 was 6,973, and the average nightly attendance was 2,571. Certificates are awarded to pupils for satisfactory work during one term and diplomas for satisfactory work during three terms. The number of certificates awarded was 1,379 and the number of diplomas was 162.

The average attendance in the different Evening High Schools was as follows:

New York,	.	.	.	.	.	.	.	728
East Side,	.	.	.	.	.	.	.	676
Harlem,	.	.	.	.	.	.	.	593
Central,	.	.	.	.	.	.	.	574

COURSE OF STUDY.

But one modification of the course of study for the Grammar and Primary schools was made during the year. In the highest Grammar grade there is a two years' course specially designed for pupils who do not desire to enter either of the colleges. Instruction in phonography had been prescribed for the second year. By an amendment to the by-laws the study of phonography has been added to the course for the first year.

DISCIPLINE.

Regulations governing matters of school discipline have been tested so thoroughly for years past that no modifications of the same has been found desirable. All forms of corporal punishment are prohibited in both day and evening schools. Minor infractions of discipline are dealt with according to the rules of the several schools and departments, but very serious offenses, proving the offender to be incorrigible, persistently disobedient of rules, or guilty of depravity tending to injure or demoralize school or class are, according to the by-laws, to be punished by the suspension of the offenders.

Although the average attendance of pupils in the Grammar and Primary schools was 163,339 and the number of different pupils taught was very much larger, there were but 64 cases of suspension during the year.

TEACHERS.

On the 31st of December 4,989 regular teachers, including Principals, were employed in all the classes of schools within the jurisdiction of the Board of Education. These teachers were distributed as follows :

Grammar and Primary Schools, 4,183 ; Evening Schools, 395 ;

Evening High Schools, 103; Corporate Schools, 305; Nautical School, 3.

The number of teachers of special subjects in the Grammar and Primary schools was 129, as follows: Drawing, 26; Music, 18; German, 54; French, 11; Sewing, 10; Cooking, 4; Phonography, 4; Physical Exercise 2.

The regulation governing the allowance of teachers to the different classes of schools was so modified as to increase the number of male teachers allotted to mixed Grammar departments.

TEACHERS' SALARIES.

Although the question of re-arranging the salary schedules has been discussed at some length, no decision has been reached except so far as relates to the adoption of a report refusing to modify the arrangement of salaries for female assistants in mixed Grammar Schools. A general plan for the adjustment of salaries according to length of service, although strenuously urged by some, has not been presented to the Board by any committee, it is still under consideration.

MANUAL TRAINING SCHOOLS.

There are now forty-three departments and schools in which the manual training course of study is in operation. The course was adopted by the following schools during the year.

Twelfth Ward.—G. S. No. 5, containing a Male Grammar, a Female Grammar and a Mixed Primary Department.

Twenty-third Ward.—G. S. No. 85, containing a Mixed Grammar and a Mixed Primary Department.

At the close of the year there were on register in this class of schools 28,321 pupils, of whom 11,476 were in Grammar grade classes, and 16,845 were in Primary grade classes.

FREE LECTURES TO WORKINGMEN AND WORKINGWOMEN.

During the year 1895 there were two courses of lectures.

First, from January 10th to March 30th, . . . 341 lectures.

Second, from October 28th to December 16th, . . . 390 "

Total number of lectures, 731

During the first course lectures were held at the following places :

Grammar School No. 3, corner Grove and Hudson streets.

" " 15, 728 Fifth street.

" " 23, corner Bayard and Mulberry streets.

" " 27, 206 East Forty-second street.

" " 29, cor. Albany and Washington streets.

" " 33, 418 West Twenty-eighth street.

Primary School " 35, cor. Fifty-first street and First avenue.

Grammar School " 51, 523 West Forty-fourth street.

" " 64, Webster avenue, Fordham.

" " 82, cor. Seventieth street and First ave.

" " 86, Ninety-sixth st. and Lexington ave.

" " 87, Seventy-seventh street and Amsterdam
avenue.

Hebrew Institute, corner East Broadway and Jefferson street.

Madison Hall, corner One Hundred and Twenty-fifth street and
Madison avenue.

Melrose Lyceum, corner One Hundred and Fiftieth street and
Third avenue.

Cooper Union, Eighth street and Third avenue.

American Museum of Natural History, Seventy-seventh street
and Eighth avenue.

In October, 1894, the following places were added as lecture
halls :

Grammar School No. 5, One hundred and Forty-first street and
Edgecombe avenue.

“ “ 10, One hundred and Seventeenth street
and St. Nicholas avenue.

“ “ 14, 225 East Twenty-seventh street.

Primary School “ 14, 73 Oliver Street (opened Nov. 7).

Grammar School “ 26, 124 West Thirtieth street.

“ “ 54, One hundred and Fourth street and
Amsterdam avenue.

“ “ 66, Kingsbridge (opened November 11).

“ “ 74, 220 East Sixty-third street.

“ “ 75, 25 Norfolk street.

“ “ 92, corner Broome and Ridge streets.

“ “ 96, corner Eighty-first st. and Avenue A.

Columbus Hall, Sixtieth street, near Ninth avenue.

Y. M. C. A. Hall (substitute for Madison Hall), 5 West One
hundred and Twenty-fifth street.

The Trustees of the American Museum of Natural History and
the Trustees of Cooper Institute generously gave the use of their
respective halls for the purpose of the Free Lectures.

The attendance from January 10 to March 30th was . 144,207

From October 28th to December 16th was . . . 143,958

Total, 288,165

Attendance in 1894, 189,497

Increase, 98,668

The following indicate subjects and lectures :

Physiology and Hygiene.

Emergencies and How to Meet Them—Dr. J. G. Coyle.

The House We Live In—Dr. F. A. Lyons.

Wonders of Sight—Dr. C. H. May.

First Aid to the Injured—Dr. H. Plympton.

Colds, Their Prevention and Cure—Dr. W. C. Phillips.

Foods—Dr. Max Rosenberg.

Care of the Eyes—Dr. J. Oseroft Tansley.

Natural Science, Etc.

Forestry (two lectures)—Prof. A. S. Bickmore.

The Science of the Weather—Mr. E. B. Dunn.

Oxygen—Mr. W. M. Frisbie.

Nature and the Behavior of Light—Prof. William Hallock.

Mirrors and Lenses—Prof. William Hallock.

The Eye and the Microscope—Prof. William Hallock.

The Spectroscope and the Telescope—Prof. William Hallock.

Electricity and Magnetism—Mr. Max Osterberg.

Current Electricity and Electro-Magnetism—Mr. Max Osterberg.

The Dynamo and Motor—Mr. Max Osterberg.

The Electric Railway—Mr. Max Osterberg.

The Trolley—Mr. F. N. Pedersen.

The Mechanics of Everyday Life—Prof. E. R. Von Nardroff.

The Mechanics of the Atmosphere—Prof. E. R. Von Nardroff.

Fire; How to Prevent and How to Extinguish It—Dr. H. A. Mott.

Giant Sun and His Family—Miss Mary Proctor.

Our Sun and Other Suns—Mr. Garrett P. Serviss.

How to Study Nature in a City—Mr. D. McLaren.

The Story of Science—Prof. T. O. Sloane.

The Art of Glass-Making—Mr. Wm. Mitchell.

The Art of Photography—Mr. A. D. Fisk.

What is Evolution?—Mr. Harold Griffing.

TRAVEL, ETC.

- The Empire State—Mr. J. H. Van Gelder.
 Prairie, Mountain and Shore—Mr. C. M. Skinner.
 Europe on Fifty Cents a Day—Mr. Lee Merriwether.
 Europe on Next to Nothing—Mr. J. Perry Worden.
 Historic Nooks of England—Mr. T. P. Hughes.
 Paris—Mr. Franklin Gaylord.
 Holland—Mr. W. Elliott Griffis.
 Germany—Mr. J. Bowie.
 Nuremberg—Mr. J. F. Hopkins.
 Switzerland—Prof. H. E. Northrop.
 Italy—Prof. Charles Sprague Smith.
 Venice—Mr. J. L. Hurlbut.
 Turkey—Mr. R. Mezger.
 Modern Greece—Dr. C. H. Young.
 Asiatic Manners and Customs—Mr. G. Donaldson.
 India—Mr. T. P. Hughes.
 Life in Siam—Hon. D. B. Sickels.
 Japan and Corea—Mr. W. Elliott Griffis.
 An Evening in China—Mr. A. C. Maclay.
 Japan—Mr. H. B. Lewis.
 China and the Chinese—Mr. F. R. Robertson.
 Japan and the Japanese—Mr. F. R. Robertson.
 New Things We Have Learned About Africa—Mr. C. C.
 Adams.
 Life in the Arctic Regions—Dr. F. A. Cook.
 Australia—Mr. E. F. Farrington.
 The Sandwich Islands—Mr. H. C. Carpenter.
 The Log of a Wandering Naturalist—Dr. E. Murray-Aaron.

HISTORY AND CIVICS—AMERICAN HISTORY.

- Popular Government in Colonial Times—Prof. Henry P. Johnston.
- Popular Government and the Struggle for Independence—Prof. Henry P. Johnston.
- Popular Government in Our National Period—Prof. Henry P. Johnston.
- From Feudalism to Federal Union—Mr. S. M. Fuerst.
- The Days of '76—Mr. S. M. Fuerst.
- The Pilgrim Fathers—Mr. J. M. Philputt.
- Colonial Life in America—Mr. C. W. Tooke.
- The Civil War—Mr. Cephas Brainerd, Jr.
- Turning Points of the Civil War—Mr. Rossiter Johnson.
- Sherman's March to the Sea—Hon. J. A. Goulden.
- New York and the War for the Union—Mr. T. S. Townsend.
- Benjamin Franklin—Dr. Henry M. Leipziger.
- Thomas Jefferson—Mr. W. G. McGuckin.
- Abraham Lincoln—Dr. Henry M. Leipziger.
- Pioneer Life—Mr. J. B. Pond.
- Life in the Navy—Surgeon C. G. Herndon.
- Our Old Navy—Mr. Henry W. Raymond.
- Our New Navy—Mr. Henry W. Raymond.
- Guns, Armor and Torpedoes—Mr. Henry W. Raymond.
- Development of the Public Spirit in the United States—Mr. W. H. McElroy.

GENERAL HISTORY.

- Napoleon—Prof. Adolphe Cohn.
- Napoleon as Warrior—Col. Alex. S. Bacon.
- Napoleon—Mr. H. A. Monroe.
- Napoleon at St. Helena—Mr. J. A. McKnight.
- Julius Cæsar—Prof. Adolphe Cohn.

Amusements of the Ancient Romans—Prof. Chas. Knapp.
 The Past in the Present—Mr. Barnett Phillips.
 The Hampton School—Mr. H. B. Turner.

ART, LITERATURE, ETC.

Adam Bede—Miss Ida Benfey.
 Tale of Two Cities—Miss Ida Benfey.
 Goethe—Prof. H. H. Boyesen.
 Some Curiosities of Music—Miss Kate S. Chittenden.
 The Story of a Newspaper—Mr. E. J. Edwards.
 Debt of the Nineteenth Century to Egypt—Prof. W. H. Goodyear.
 Debt of the Nineteenth Century to Greece—Prof. W. H. Goodyear.
 Debt of the Nineteenth Century to Rome—Prof. W. H. Goodyear.
 Burns and Scotland—Mr. Chas. H. Govan.
 The Theater 500 Years Ago—Prof. F. H. Stoddard.
 Masterpieces of Art—Mr. A. T. Van Laer.
 The Egyptian Temple—Karnak—Prof. A. D. F. Hamlin.
 The Greek Temple—The Parthenon—Prof. A. D. F. Hamlin.
 The Roman Temple—The Pantheon—Prof. A. D. F. Hamlin.
 The Mediæval Cathedral—Notre Dame—Prof. A. D. F. Hamlin.

WORLD'S FAIR.

Machinery, Electricity and Manufactures—Mr. G. H. Payson.
 Woman's, Government and Art Buildings—Dr. G. M. Major.

ANNEXATION.

By annexation, nine schools formerly in Westchester County, were added to the school system in this City on June 7th.

CONCLUSION.

During the year 1895, school accommodation was materially improved and increased. The opening of many new school buildings may be mentioned as indicating what the Board has done in the matter of increased accommodation; and improvements in light, ventilation, and sanitation, numerous and extensive throughout the City, give further evidence of earnestness and assiduity on the part of those who have in charge the school administration.

The annexation of the district recently made part of the City of New York, imposed upon the Board additional duties and responsibilities, in the discharge of which promptness, efficiency and intelligence were displayed.

The many changes in the personnel of the Board, the resignation of President Knox, the election of President Maclay, the subsequent appointment of new Committees, and the changes incident to a new administration, constituting virtually a re-organization of the Board, go to make the year 1895 a specially eventful one in the history of the Public Schools of this City.

ROBERT MACLAY,
President.

ARTHUR McMULLIN, *Clerk.*

SCHEDULES.

SUBJECTS OF THE SCHEDULES AND APPENDICES FORMING PART OF THIS REPORT.

SCHEDULE No. 1.—Names of the Employees of the Board, Inspectors of Common Schools, and School Trustees.

SCHEDULE No. 2.—The number of Schools in each Ward and their numerical designation.

SCHEDULE No. 3.—Length of time each School has been kept open, average attendance, whole number taught in the several Schools during the year, and locations of the several school buildings.

SCHEDULE No. 4.—Teachers' and Janitors' salaries, books, stationery, fuel, etc., in the Ward Schools of each Ward, and the value of supplies from the Depository for the year.

SCHEDULE No. 5.—Amounts paid in each Ward for rents, sites, new buildings, heating apparatus, and repairs of, etc., by special appropriations, for the year ending December 31, 1895.

SCHEDULE No. 6.—Apportionments to Corporate and Ward Schools, made under the fifteenth section of the School Act.

SCHEDULE No. 7.—Financial Statement of the Board of Education for the year 1895.

SCHEDULE No. 8.—Expenditures of the Evening Schools for 1895.

SCHEDULE No. 9.—Payments for salaries of Teachers and Janitors, by Wards, for 1895.

SCHEDULE No. 10.—Location, size and cost of each school site, and size, cost and date of erection of each school building.

SCHEDULE No. 11.—Financial Exhibit for the last fifteen years.

APPENDICES.

Annual Report of the City Superintendent of Schools.

Course of Studies in the Grammar, Primary and Evening Schools, Manual-Training Course of Study, Special Subjects, etc.

Report of the Superintendent of School Buildings.

Course of Free Lectures, 1895, and Names of Lecturers.

Annual Report of Nautical School.

Report of the Board of Trustees of the College of the City of New York.

SCHEDULE No. 1.

<i>Clerk</i>	ARTHUR McMULLIN.
<i>City Superintendent</i>	JOHN JASPER.
<i>Assistant</i> “.....	*NORMAN A. CALKINS.
“ “.....	JAMES GODWIN.
“ “.....	HENRY W. JAMESON.
“ “.....	GEORGE S. DAVIS.
“ “.....	EDWARD D. FARRELL.
“ “.....	HENRY M. LEIPZIGER.
“ “.....	JAMES LEE.
“ “.....	EUGENE D. BAGEN.
“ “.....	ALFRED T. SCHAUFFLER.
“ “.....	GUSTAV STRAUBENMÜLLER.
<i>Clerk to City Superintendent</i>	JOHN W. CURTIN.
<i>Stenographer and Type-writer</i>	JOHN T. COLEMAN.
<i>Supt. of School Buildings</i>	C. B. J. SNYDER.
<i>Engineer-Ass't to Supt. School B'd'gs</i>	WILLIAM McMANNIS.
<i>Sanitary Inspector Ass't to</i> “.....	WILLIAM H. DEWAR.
<i>Inspector, Fuel</i>	CHARLES F. BOHNACK.
<i>Foreman of Workshop</i>	CHARLES BUSCALL.
<i>Bookkeeper</i>	HENRY R. M. COOK.
<i>Assistant Clerk</i>	EDWARD E. VANSaUN.
“ “.....	†JOHN R. AMES.
“ “.....	WM. OLAND BOURNE.
“ “.....	HENRY L. DAVENPORT.
“ “.....	†HENRY D. LICHTENHEIN.
“ “.....	NELLIE A. BOURNE.
“ “.....	J. E. DOUGLASS.
“ “.....	JOHN M. CONANT.

* Died December 22d.

† Died February 5th.

‡ Died March 7th.

<i>Assistant Clerk</i>	PATRICK JONES.
" "	THOMAS E. BUSSEY.
" "	JOHN WALLACE.
" "	LOUIS C. CONNOLLY.
" "	GEO. D. C. McDONALD.
" "	THOMAS A. DILLON.
" "	*SARAH L. SCOTT.
" "	ALEX. S. McLAUGHLIN.
" "	ELEANOR RYAN.
" "	ETTA J. RICHARDS.
<i>Messenger</i>	FREDERICK GERST.
<i>Stenographer and Typewriter</i>	HATTIE L. McCARTIE.
" "	ELLEN C. IVES.
<i>Janitrix</i>	MRS. CATHARINE HIGGINS
<i>Attendance Officer</i>	ANTONIO C. MARTINEZ.
" "	WILLIAM KITCHELL.
" "	JOHN S. KETCHAM.
" "	JAMES ROGERS.
" "	VINCENT CRISTALLI.
" "	C. WESLEY BAUM.
" "	ELLIS MORRIS.
" "	LEMEUL R. PURDY.
" "	WILLIAM J. KENNEDY.
" "	JAMES C. CARNEY.
" "	WILLIAM H. KIRBY.
" "	MRS. MARY E. ALGER.
" "	WILLIAM DOANE.
" "	MORRIS STRAUSS.
" "	WILLIAM W. LOCKE.
" "	MRS. EVA MONAGHAN.

* Resigned September 30th.

INSPECTORS OF COMMON SCHOOLS OF THE CITY OF NEW YORK.

*1st District, comprising the 1st, 2d, 3d, 4th, 5th, 6th and
8th Wards.*

NAME.	RESIDENCE.	PLACE OF BUSINESS.	TERM EXPIRES JAN. 1.
Mrs. Julia Pfingsten*	18 Bridge st.		1896
Cornelius McMonagle	27 Vandam st.	Ft. Canal st.	E.R. 1897
Mrs. H. Dorothy Beach†	38 Charlton st.		1898

2d District, comprising the 7th, 10th, 13th and 14th Wards.

Mrs. Phyllis Leveridge‡	277 E. Broadway		1896
Truman Nichols	267 E. Broadway	267 E. Broadway	1897
Miss Matilda Martin§	188 E. Broadway		1898

3d District, comprising the 9th and 16th Wards.

Jacob V. Myers||	2 Van Nest pl.	2 Van Nest pl.	1896
Mrs. Eugenia R. Brown¶	243 W. 11th st.		1897
Mrs. H. M. Kemp**	267 W. 23d st.		1898

4th District, comprising the 11th and 17th Wards.

Stephen Therry	220 E. 14th st.		1896
John L. Hoffman	78 E. 4th st.	120-122 E. 14th st.	1897
Benjamin Blumenthal	337 E. 4th st.	150 Nassau st.	1898

* Vice Louis H. Muller.

† Vice Gilbert J. Holden.

‡ Vice James A. Hogan. § Vice Joseph Weber and Miss Ada E. Woolfolk.

| Vice Wm. Keys. ¶ Vice Warren Springstead. ** Vice Oliver B. Stout

5th District, comprising the 15th and 18th Wards.

NAME.	RESIDENCE.	PLACE OF BUSINESS.	TERM EXPIRES JAN. 1.
Miss Ellen Collins*	41 W. 11th st.		1896
J. Milton Mabbott†	11 Fifth av.	19 Fifth av.	1897
Mrs. M. G. Van Rensselaer‡	9 W. 9th st.		1898

6th District, comprising the 20th and 21st Wards.

Mrs. F. C. E. Wendell§	126 E. 35th st.		1896
Mrs. Alice Brevoort Bull	141 E. 37th st.		1897
August Schumacher	437 W. 37th st.		1898

7th District, comprising the 12th, 19th and 22d Wards.

Mrs. Jessie H. Smith||	3 E. 124th st.		1896
Mrs. F. L. Truax¶	17 E. 127th st.		1897
G. F. Jackson, M. D.	889 St. Nicholas av.		1898

8th District, comprising the 23d and 24th Wards.

Mrs. Abbie H. MacIvor**	675 E. 138th st.		1896
T. Mason Oliver	836 E. 165th st.	Weschester road	1897
Mrs. Anna W. Brown††	Highbridge		1898

*Vice James G. Janeway.

†Vice Wright Holcomb.

||Vice Jacob Fleishhauer.

**Vice Joseph S. Dunn.

†Vice Nathan Fernbacher.

§Vice John Mulligan.

¶Vice Geo. H. Toop.

††Vice Francis L. Dolan.

SCHOOL TRUSTEES.

With the time of expiration of the term of Office for which they were appointed.

<i>First Ward.</i>		<i>Fourth Ward.</i>	
NAME.	Term Expires Jan. 1.	NAME.	Term Expires Jan. 1.
F. G. Merrill	1896	James O'Connor	1896
Edward T. Brady	1897	William Gay	1897
F. Joseph Bader	1898	Hermann Bolte	1898
Owen Murphy	1899	John F. Fiske	1899
Daniel Mooney	1900	John B. Shea	1900
<i>Second Ward.</i>		<i>Fifth Ward.</i>	
H. M. Gescheidt	1896	Henry Newman*	1896
Samuel Hammond	1897	Wm. W. Brady	1897
Wm. J. Smith	1898	P. H. Delany	1898
Chas. F. Naething	1899	John Erskine	1899
W. E. Conklin	1900	Geo. Freygang	1900
<i>Third Ward.</i>		<i>Sixth Ward.</i>	
Thomas Morris	1896	Theo. W. Kramer†	1896
Vacancy	1897	Edward H. Sweeny‡	1897
Geo. E. Adams	1898	D. Freed§	1898
B. M. Tilton	1899	John F. Whelan	1899
Henry Simmons	1900	Mrs. Henrietta Neylan|| .....	1900

* Vice Hugh Dalton, resigned.

† Vice Alex. Patton, Sr., resigned.

‡ Vice James J. Murphy, resigned.

§ Vice John Nicholson, resigned.

|| Vice Dennis Shea, resigned

Seventh Ward.

NAME.	Term Expires Jan. 1.
Robert J. Hubbard*	1896
James J. Nealis	1897
James B. Mulry	1898
James K. Hogan, M.D.†	1899
Bernard Gordon, M.D.	1900

Eighth Ward.

Christopher F. Suling	1896
John Callahan	1897
Michael T. Sharkey	1898
John Allan	1899
George W. Lithgow‡	1900

Ninth Ward.

Wm. C. Smith	1896
Thos. Fitzpatrick	1897
L. J. McNamara, M.D.	1898
Arthur H. Kernedy	1899
B. C. MacIntyre, M.D.§	1900

Tenth Ward.

Louis Haupt, M.D.	1896
James K. Paulding¶	1897
Patrick Carroll	1898
John Hogan	1899
James B. Reynolds	1900

Eleventh Ward.

NAME.	Term Expires Jan. 1.
Sam'l Schumacher	1896
Patrick J. McCue	1897
Geo. Mundorff	1898
Wm. A. Graham	1899
Samuel D. Levy	1900

Twelfth Ward.

Wm. E. Stillings	1896
John Whalen	1897
Antonio Rasines	1898
Morris E. Sterne	1899
Robert E. Steel	1900

Thirteenth Ward.

John E. Murphy	1896
Wm. Geoghegan	1897
Nathan Magen¶	1898
Henry Hasenohr	1899
Geo. A. Germann	1900

Fourteenth Ward.

August Eickhoff	1896
E. J. Mangan	1897
Joseph H. Oliver	1898
J. T. Meehan, M.D.	1899
Mrs. Charles Smith	1900

* Vice Jno. G. McCarthy, resigned.

† Vice F. W. Merriam, M.D., resigned.

‡ Vice Charles B. Stover, resigned.

† Vice Jas. Heffernan, resigned.

§ Vice John P. Faure, resigned.

¶ Vice Saml. Rinaldo, resigned.

NAME.	Term Expires Jan. 1.	NAME.	Term Expires Jan. 1.
<i>Fifteenth Ward.</i>		<i>Nineteenth Ward.</i>	
Lockwood de Forest*	1896	L. M. Hornthal	1896
Waldo H. Richardson	M.D. 1897	Jeremiah Fitzpatrick	1897
Mrs. Willard Parker†	1898	James G. Wallace	1898
Richard Van Cott	1899	Richard Kelly	1899
J. A. Hardenbergh	1900	Joseph Fettretch	1900
<i>Sixteenth Ward.</i>		<i>Twentieth Ward.</i>	
Wm. M. Abbott	1896	Patrick Collins	1896
Henry Fincken	1897	James Madden	1897
W. J. Stewart, M.D.	1898	Joseph Moss	1898
Saml. Victor Constant‡	1899	Chas. F. Bauerdorf	1899
John Stanton	1900	Mrs. Jno. D. Townsend§	1900
<i>Seventeenth Ward.</i>		<i>Twenty-first Ward.</i>	
Hiram Merritt	1896	Payson Merrill	1896
Henry Allen	1897	Fred B. Jennings	1897
Henry H. Haight	1898	Wm. T. Lee¶	1898
P. T. Leyendecker, M.D.	1899	Miss Teresa Damon	1899
Henry Krollpfeiffer, M.D.	1900	Chas. C. Burlingham¶	1900
<i>Eighteenth Ward.</i>		<i>Twenty-second Ward.</i>	
Frederick Flaccus	1896	Joseph H. Byrne, M.D.	1896
Wm. Hoffmann	1897	Hanford Crawford	1897
Clarence S. Elebash, M.D.	1898	James Begen, M.D.	1898
Mrs. E. Alma Rainsford	1899	Jacques H. Herts	1899
A. G. Vanderpoel	1900	Richard S. Treacy	1900
*Vice Arthur G. Sedgwick, resigned.		†Vice Octavus B. Libbey, resigned.	
‡Vice G. T. Springsteed, resigned.		§Vice Henry Glédhill, resigned.	
¶Vice Jno. A. McCreery, M.D., resigned.		¶Vice Robert Sturgis, resigned.	

Twenty-third Ward.

NAME.	Term Expires Jan. 1.
James A. Ferguson, M.D.	1896
William Hogg.....	1897
Samuel Samuels.....	1898
Dr. Abbie Hamlin Mac- Ivor*.....	1899
J. C. Julius Langbein....	1900

Twenty-fourth Ward.

NAME.	Term Expires Jan. 1.
Joseph H. Godwin, Jr....	1896
Joseph J. Marrin.	1897
John E. Eustis.....	1898
T. E. Thomson.....	1899
Elmer A. Allen.....	1900

*Vice Thos. J. Rush, resigned.

SCHEDULE No. 2.

Showing the Grades and Numerical Designation of Schools by Wards.

WARDS.	GRAMMAR SCHOOLS.	PRIMARY SCHOOLS.
1st	29	15
2d .....	.....	34
3d .....	.....
4th	1	12, 14
5th	44	11
6th	23	2, 8
7th	2, 12, 31	36
8th	8, 38	
9th	3, 16, 41	7, 18, 24
10th	7, 20, 42, 75	1
11th	15, 22, 36, 71, 88	5, 31
12th	5, 10, 24, 37, 39, 43, 46, 52, 54, 57, 68, 72, 78, 83, 86, 89, 93, 95	8, 9, 19, 21, 23, 28, 32, 42
13th	4, 34, 92	10, 20, 40
14th	21	6, 30
15th	35, 47	25
16th	11, 45, 55, 56	
17th	13, 19, 25, 79	22, 26
18th	40, 50	4, 29
19th	6, 18, 27, 53, 59, 70, 73, 74, 76, 77, 82, 96	17, 35
20th	26, 32, 33, 48	27
21st	14, 49	16
22d	9, 17, 28, 51, 58, 67, 69, 80, 84, 87, 94	41
23d	60, 61, 62, 85, 90, 91	33, 44
24th	63, 64, 65, 66, 97, 98, 99, 100, 101, 102	18, 38, 39, 45, 46, 47, 48

SCHEDULE No. 3.

Showing the Length of Time the Schools have been kept open, the Average Attendance, and Whole Number Taught in the Public Schools during the year ending December 31, 1895, and Corporate Schools for the year ending July 25, 1895.

SCHOOLS.	Number of Sessions.	Average Attendance.	Whole Number Taught.	LOCATION.
<i>School No. 1—</i>				
Male Department...	400	260	509	30 Vandewater street, 4th Ward.
Female "...	400	274	469	
Primary "...	400	414	832	
<i>School No. 2—</i>				
Male Department...	398	678	1,138	116 Henry street, 7th Ward.
Female "...	398	708	1,074	
Primary "...	398	1,001	2,157	
<i>School No. 3—</i>				
Male Department...	400	590	844	488 Hudson street, 9th Ward.
Female "...	400	507	769	
Primary "...	400	661	1,032	
<i>School No. 4—</i>				
Male Department...	400	711	1,089	203 Rivington street, 13th Ward.
Female "...	400	650	1,066	
Primary "...	400	817	1,408	
<i>School No. 5—</i>				
Male Department...	138	339	419	141st street and Edge- combe avenue, 12th Ward.
Female "...	138	436	526	
Primary "...	400	912	1,957	
<i>School No. 6—</i>				
Male Department...	400	Gr. 629 Pr. 383	1,080	Cor. 85th st. and Mad- ison av., 19th Ward.
Female "...	400	Gr. 471 Pr. 323	1,489	
<i>School No. 7—</i>				
Male Department...	400	574	1,074	No. 60 Chrystie street, 10th Ward.
Female "...	400	547	933	
Primary "...	400	2,069	3,648	
<i>School No. 8—</i>				
Male Department...	400	476	723	No. 29 King street, 8th Ward.
Primary "...	400	549	1,099	

SCHOOLS.	Number of Sessions.	Average Attendance.	Whole Number Taught.	LOCATION.
<i>School No. 9—</i>				
Primary Department	400	Gr.B. 57 Gr.G. 91 Pr. 904	957	82d street, cor. 11th avenue, 22d Ward.
<i>School No. 10—</i>				
Male Department...	148	B. 531 G. 594	1,475	117th street and St. Nicholas ave., 12th Ward.
Primary " ...	400	930	2,402	
<i>School No. 11—</i>				
Male Department...	400	302	487	No. 314 W. 17th street, 16th Ward.
Primary " ...	400	667	1,424	
<i>School No. 12—</i>				
Male Department...	400	463	955	No. 371 Madison st., 7th Ward.
Primary " ...	400	803	1,530	
<i>School No. 13—</i>				
Female Department...	400	693	1,253	No. 239 E. Houston street, 17th Ward.
Primary " ...	400	1,274	2,314	
<i>School No. 14—</i>				
Male Department...	400	509	807	No. 225 E. 27th street, 21st Ward.
Female " ...	400	551	828	
Primary " ...	400	1,033	2,256	
<i>School No. 15—</i>				
Male Department...	400	591	894	No. 728 5th street, 11th Ward.
Primary " ...	400	754	1,416	
<i>School No. 16—</i>				
Male Department...	400	439	692	No. 208 W. 13th street, 9th Ward.
Primary " ...	400	403	745	
<i>School No. 17—</i>				
Female Department...	400	802	1,285	No. 335 W. 47th street, 22d Ward.
Primary " ...	400	1,241	2,533	
<i>School No. 18—</i>				
Male Department...	400	532	836	No. 121 E. 51st street, 19th Ward.
Female " ...	400	479	797	
Primary " ...	400	584	1,107	
<i>School No. 19—</i>				
Male Department...	400	589	935	No. 344 E. 14th street, 17th Ward.
Female " ...	400	603	967	
Primary " ...	400	991	2,034	
<i>School No. 20—</i>				
Male Department...	397	542	984	No. 160 Chrystie street, 10th Ward.
Female " ...	397	561	929	
Primary " ...	397	901	1,470	
<i>School No. 21—</i>				
Male Department...	400	256	497	No. 55 Marion street, 14th Ward.
Female " ...	400	149	289	
Primary " ...	400	416	927	

SCHOOLS.	Number of Sessions.	Average Attendance.	Whole Number Taught.	LOCATION.
<i>School No. 22—</i>				
Male Department...	400	701	1,093	Stanton st., cor. Sheriff st., 11th Ward.
Primary " ...	400	1,040	1,869	
<i>School No. 23—</i>				
Male Department...	400	B. 322 G. 267	1,024	Cor. Mulberry & Bayard sts., 6th Ward.
Primary " ...	400		1,302	
<i>School No. 24—</i>				
Female Department...	50	197	266	58 E. 125th street, 12th Ward.
<i>School No. 25—</i>				
Male Department...	400	560	904	No. 330 5th street, 17th Ward.
Female " ...	400	644	1,082	
Primary " ...	400	1,353	2,871	
<i>School No. 26—</i>				
Male Department...	400	587	965	No. 124 W. 30th street, 20th Ward.
Primary " ...	400	445	872	
<i>School No. 27—</i>				
Male Department...	400	402	705	No. 206 E. 42d street, 19th Ward.
Primary " ...	400	529	1,083	
<i>School No. 28—</i>				
Female Department...	400	570	894	No. 257 W. 40th street, 22d Ward.
Primary " ...	400	1,005	1,848	
<i>School No. 29—</i>				
Mixed Department...	400	Gr.B. 85 Gr.G. 95 Pr. 264	904	Cor. Albany, Washington and Carlisle streets, 1st Ward.
<i>School No. 31—</i>				
Female Department...	400			
Primary " ...	400	324	605	No. 200 Monroe street, 7th Ward.
<i>School No. 32—</i>		775	1,430	
Male Department...	394	671	1,100	No. 357 W. 35th street, 20th Ward.
Primary " ...	394	937	1,796	
<i>School No. 33—</i>				
Female Department...	400	705	1,160	No. 418 W. 28th street, 20th Ward.
Primary " ...	400	1,046	2,020	
<i>School No. 34—</i>				
Male Department...	400	650	1,131	No. 108 Broome street, 13th Ward.
Primary " ...	400	1,261	2,120	
<i>School No. 35—</i>				
Male Department...	400	500	882	No. 60 W. 13th street, 15th Ward.
Primary " ...	400	341	710	
<i>School No. 36—</i>				
Male Department...	400	414	689	No. 710 E. 9th street, 11th Ward.
Female " ...	400	389	654	
Primary " ...	400	773	1,409	

SCHOOLS.	Number of Sessions.	Average Attendance.	Whole Number Taught.	LOCATION.
<i>School No. 37—</i>				
Female Department..	400	764	1,357	No. 113 E. 87th street, 12th Ward.
Primary "	400	1,027	2,161	
<i>School No. 38—</i>				
Female Department..	400	377	623	No. 8 Clarke street, 8th Ward.
Primary "	400	723	1,405	
<i>School No. 39—</i>				
Male Department..	400	1,018	1,789	No. 235 E. 125th st., 12th Ward.
Primary "	400	846	1,548	
<i>School No. 40—</i>				
Male Department..	400	575	842	No. 225 E. 23d street, 18th Ward.
Primary "	400	382	801	
<i>School No. 41—</i>				
Female Department..	400	593	1,032	No. 36 Greenwich avenue, 9th Ward.
Primary "	400	482	889	
<i>School No. 42—</i>				
Female Department..	400	582	932	No. 30 Allen street, 10th Ward.
Primary "	400	1,371	2,369	
<i>School No. 43—</i>				
Mixed Department..	400	B. 442 G. 406	1,509	129th st., cor. Amster- dam av., 12th Ward.
Primary "	400	709		
<i>School No. 44—</i>				
Male Department..	400	240	395	Cor. North Moore and Varick streets, 5th Ward.
Female "	400	201	323	
Primary "	400	335	658	
<i>School No. 45—</i>				
Female Department..	400	491	765	No. 225 W. 24th street, 16th Ward.
Primary "	400	398	806	
<i>School No. 46—</i>				
Male Department..	400	475	823	156th street, between 9th and 10th ave- nues, 12th Ward.
Female "	400	459	879	
Primary "	400	970	2,211	
<i>School No. 47—</i>				
Female Department..	400	406	733	No. 36 E. 12th street, 15th Ward.
Primary "	400	205	444	
<i>School No. 48—</i>				
Mixed Department..	400	Gr. 1,103 Pr. 459	2,521	No. 124 W. 28th street, 20th Ward.
<i>School No. 49—</i>				
Male Department..	400	464	734	No. 237 E. 37th street, 21st Ward.
Female "	400	383	687	
Primary "	400	824	1,957	
<i>School No. 50—</i>				
Female Department..	400	487	833	No. 211 E. 20th street, 18th Ward.
Primary "	400	486	1,048	

SCHOOLS.	Number of Sessions.	Average Attendance.	Whole Number Taught.	LOCATION.
<i>School No. 51—</i>				
Male Department...	400	695	1,083	No. 523 W. 44th street, 22d Ward.
Primary "	400	988	2,001	
<i>School No. 52—</i>				
Mixed Department..	400	Gr. B. 22 Gr. G. 30 Pr. 56	180	206th street, Inwood, 12th Ward.
<i>School No. 53—</i>				
Female Department..	400	905	1,642	No. 207 E. 79th street, 19th Ward.
Primary "	400	969	1,899	
<i>School No. 54—</i>				
Mixed Department..	400	B. 511 G. 544	1,885	104th street, cor. 10th avenue, 12th Ward.
Primary "	400	1,295	2,553	
<i>School No. 55—</i>				
Male Department...	400	492	836	No. 140 W. 20th street, 16th Ward.
Primary "	400	472	977	
<i>School No. 56—</i>				
Female Department..	400	526	859	351 W. 18th street, 16th Ward.
Primary "	400	620	1,218	
<i>School No. 57—</i>				
Female Department..	400	733	1,447	No. 176 E. 115th st., 12th Ward.
Primary "	400	1,195	2,481	
<i>School No. 58—</i>				
Male Department...	400	741	1,150	No. 317 W. 52d street, 22d Ward.
Primary "	400	817	1,622	
<i>School No. 59—</i>				
Female Department..	400	680	1,075	No. 226 E. 57th street, 19th Ward.
Primary "	400	1,078	1,912	
<i>School No. 60—</i>				
Mixed Department..	400	B. 423 G. 381	1,422	College avenue, cor. 145th street. No. 501 Courtland av., 23d Ward.
Primary "	400	1,016	1,825	
<i>School No. 61—</i>				
Mixed Department..	400	B. 244 G. 243	933	3d ave., bet. 169th and 170th sts., 23d Ward.
Primary "	400	715	1,452	
<i>School No. 62—</i>				
Mixed Department..	400	B. 293 G. 247	885	157th st. & Courtlandt ave., 23d Ward.
Primary "	400	1,241	2,296	
<i>School No. 63—</i>				
Mixed Department..	400	B. 174 G. 183	535	3d avenue and 178d street, 24th Ward.
Primary "	400	367	764	

SCHCOLS.	Number of Sessions.	Average Attendance.	Whole Number Taught.	LOCATION.
<i>School No. 64—</i>				
Mixed Department...	400	{ Gr. B. 260 Gr. G. 252 Pr. 501 }	1,822	No. 2486 Webster avenue, 24th Ward.
<i>School No. 65—</i>				
Mixed Department...	400	{ B. 110 G. 128 }	394	West Farms, 24th Ward.
Primary " ..	400	275	570	
<i>School No. 66—</i>				
Mixed Department...	400	{ Gr. B. 109 Gr. G. 117 Pr. 197 }	656	Kingsbridge, 24th Ward.
<i>School No. 67—</i>				
Male Department...	400	544	928	114-124 W. 46th street, 22d Ward.
Primary "	400	303	666	
<i>School No. 68—</i>				
Female Department...	400	1,185	2,147	116 W. 128th street, 12th Ward.
Primary " ..	400	1,085	1,780	
<i>School No. 69—</i>				
Male Department...	400	522	901	125 W. 54th street, 22d Ward.
Female "	400	540	896	
Primary "	400	544	1,188	
<i>School No. 70—</i>				
Male Department...	400	753	952	207 E. 75th street, 19th Ward.
Primary "	400	1,222	2,363	
<i>School No. 71—</i>				
Female Department...	400	548	911	188 7th street, 11th Ward.
Primary " ..	400	742	1,436	
<i>School No. 72—</i>				
Female Department...	400	930	1,435	105th st. & Lexington avenue, 12th Ward.
Primary " ..	400	1,515	2,655	
<i>School No. 73—</i>				
Female Department...	400	455	705	209 E. 46th street, 19th Ward.
Primary " ..	400	862	1,603	
<i>School No. 74—</i>				
Male Department...	400	741	1,210	220 E. 63d street, 19th Ward.
Primary "	400	1,066	1,907	
<i>School No. 75—</i>				
Male Department...	400	756	1,222	25 Norfolk street, 10th Ward.
Primary "	400	1,091	1,833	
<i>School No. 76—</i>				
Female Department...	400	893	1,168	68th street and Lexington ave., 19th Ward.
Primary " ..	400	862	1,649	
<i>School No. 77—</i>				
Male Department...	400	884	1,565	1st ave., 85th to 86th street, 19th Ward.
Female "	400	731	1,244	
Primary "	400	1,339	2,305	

SCHOOLS.	Number of Sessions.	Average Attendance.	Whole Number Taught.	LOCATION.
<i>School No. 78—</i>				
Female Department..	400	1,112	1,745	119th street and Pleasant av., 12th Ward.
Primary	400	958	1,963	
<i>School No. 79—</i>				
Male Department...	400	808	1,338	43 First street, 17th Ward.
Primary "	400	773	1,425	
<i>School No. 80—</i>				
Grammar Department	400	B. 48 G. 58	221	225 W. 41st street, 22d Ward.
Primary "	400	203	544	
<i>School No. 82—</i>				
Male Department...	400	598	962	Cor. 70th street & 1st avenue, 19th Ward.
Primary	400	1,090	1,831	
<i>School No. 83—</i>				
Male Department...	400	1,090	1,661	216 E. 110th street, 12th Ward.
Primary "	400	1,239	2,136	
<i>School No. 84—</i>				
Female Department..	400	783	1,260	430 W. 50th street, 22d Ward.
Primary "	400	1,046	1,795	
<i>School No. 85—</i>				
Mixed Department..	376	B. 471 G. 506	1,624	795 E. 138th street, 23d Ward.
Annex	400	B. 100 G. 83	432	
Primary Department	376	1,532	2,751	
<i>School No. 86—</i>				
Male Department...	400	899	1,699	96th street and Lexington av., 12th Ward.
Primary "	400	1,074	1,845	
<i>School No. 87—</i>				
Male Department...	400	480	846	77th street, cor. 10th avenue, 22d Ward.
Female "	400	537	1,039	
Primary "	400	606	1,447	
<i>School No. 88—</i>				
Female Department..	400	719	1,140	300 Rivington street, 11th Ward.
Primary "	400	963	1,737	
<i>School No. 89—</i>				
Male Department...	374	1,005	1,572	134th street and Lenox avenue, 12th Ward.
Primary "	374	937	2,009	
<i>School No. 90—</i>				
Mixed Department..	400	B. 472 G. 528	1,602	163d street and Eagle avenue, 23d Ward.
Primary "	400	1,102	2,085	
<i>School No. 91—</i>				
Mixed Department..	400	Gr. B. 89 Gr. G. 92 Pr. 247	634	Highbridge, 23d Ward.

SCHOOLS.	Number of Sessions.	Average Attendance.	Whole Number Taught.	LOCATION.
<i>School No. 92—</i>				
Female Department..	400	642	1,147	Broome and Ridge streets, 13th Ward.
Primary “	400	732	1,279	
<i>School No. 93—</i>				
Male Department...	400	502	924	93d street and Amsterdam av., 12th Ward.
Female “	400	595	1,090	
Primary “	400	932	1,828	
<i>School No. 94—</i>				
Male Department...	400	545	885	68th street & Amsterdam av., 22d Ward.
Primary “	400	762	1,320	
<i>School No. 95—</i>				
Mixed Department..	400	500	1,135	Nos. 13-17 E. 125th street, 12th Ward.
<i>School No. 96—</i>				
Male Department...	318	470	814	81st street and Avenue A, 19th Ward.
Female “	318	426	808	
Primary “	318	1,122	1,787	
<i>School No. 97—</i>				
Mixed Department..	372	{ Gr.B. 91 Gr.G. 96 Pr. 327 }	642	Westchester, 24th Ward.
<i>School No. 98—</i>				
Mixed Department..	• 372	{ Gr.B. 88 Gr.G. 90 Pr. 266 }	606	Williamsbridge, 24th Ward.
<i>School No. 99—</i>				
Mixed Department..	372	169	225	Throggs Neck, 24th Ward.
<i>School No. 100—</i>				
Mixed Department..	372	{ Gr.B. 15 Gr.G. 18 Pr. 80 }	143	Westchester, 24th Ward.
<i>School No. 101—</i>				
GrammarDepartment	364	{ B. 79 G. 74 }	208	Wakefield, 24th Ward.
Primary “	364	180	233	
<i>School No. 102—</i>				
Mixed Department..	360	{ Gr.B. 36 Gr.G. 44 Pr. 108 }	245	City Island, 24th Ward.
		143,751	257,830	

PRIMARY SCHOOLS.

Schools.	Number of Sessions.	Average Attendance.	Whole Number Taught.	LOCATION.
No. 1	400	1,500	2,898	105 Ludlow street, Tenth Ward.
" 2	400	365	609	36 City Hall place, Sixth Ward.
" 3	400	938	1,814	509 East 120th street, Twelfth Ward.
" 4	400	438	857	413 East 16th street, Eighteenth Ward.
" 5	400	627	1,155	269 East 4th street, Eleventh Ward.
" 6	400	528	1,110	222 Mott street, Fourteenth Ward.
" 7	400	635	1,508	274 West 10th street, Ninth Ward.
" 8	400	614	1,156	62 Mott street, Sixth Ward.
" 9	400	946	1,794	1913 Second avenue, Twelfth Ward.
" 10	400	601	1,145	28 Cannon street, Thirteenth Ward.
" 11	400	215	435	31 Vestry street, Fifth Ward.
" 12	383	136	301	83 Roosevelt street, Fourth Ward.
" 13	400	358	708	7 Downing street, Ninth Ward.
" 14	400	461	1,139	73 Oliver street, Fourth Ward.
" 15	400	139	294	68 Pearl street, First Ward.
" 16	400	455	951	215 East 32d street, Twenty-first Ward.
" 17	400	969	2,071	170 East 77th street, Nineteenth Ward.
" 18	400	110	229	Woodlawn, Twenty-fourth Ward.
" 19	50	148	252	135th street and Eighth avenue, Twelfth Ward.
" 20	400	655	1,096	187 Broome street, Thirtieth Ward.
" 21	400	1,313	2,611	227 East 102d street, Twelfth Ward.
" 22	394	344	1,095	Corner 9th street and First avenue, Seventeenth Ward.
" 23	60	282	393	263 West 124th street, Twelfth Ward.

Schools.	Number of Sessions.	Average Attendance.	Whole Number Taught.	LOCATION.
No. 24	400	661	1,275	29 Horatio street, Ninth Ward.
" 25	400	440	792	180 Wooster street, Fifteenth Ward.
" 26	397	742	1,888	536 East 12th street, Seventeenth Ward.
" 27	400	705	1,881	515 West 37th street, Twentieth Ward.
" 28	400	474	1,293	179 East 124th street, Twelfth Ward.
" 29	400	248	498	433 East 19th street, Eighteenth Ward.
" 30	400	519	1,025	143 Baxter street, Fourteenth Ward.
" 31	400	732	1,179	272 East 2d street, Eleventh Ward.
" 32	400	119	233	182d street near Wadsworth avenue, Twelfth Wa d.
" 33	148	325	400	Fox and 167th street, Twenty-third Ward.
" 34	400	51	121	293 Pearl street, Second Ward.
" 35	400	903	2,062	Corner 51st street and First avenue, Nine- teenth Ward.
" 36	400	954	2,001	70 Monroe street, Seventh Ward.
" 38	186	163	226	Williamsbridge, Twenty-fourth Ward.
" 39	392	73	130	Bronxdale, Twenty-fourth Ward.
" 40	400	1,110	2,058	116 Norfolk street, Thirteenth Ward.
" 41	370	1,278	3,759	462 West 58th street, Twenty-second Ward.
" 42	400	630	1,044	234 East 88th street, Twelfth Ward.
" 44	400	451	877	Beach avenue and 149th street, Twenty- third Ward.
" 45	400	326	553	Mount Hope, Twenty-fourth Ward.
" 46	400	114	162	Spuyten Duyvil, Twenty-fourth Ward.
" 47	400	41	81	Mosholu, Twenty-fourth Ward.
" 48	348	64	109	Eastchester, Twenty-fourth Ward.
		23,900	48,268	

RECAPITULATION.

WARDS.	Average Attendance.	Whole Number Taught.
First	583	1,198
Second	51	121
Fourth	1,545	3,250
Fifth	991	1,811
Sixth	2,257	4,091
Seventh	5,701	10,890
Eighth	2,125	3,850
Ninth	5,829	9,494
Tenth	10,494	18,292
Eleventh	8,998	15,582
Twelfth	35,784	66,599
Thirteenth	7,829	13,539
Fourteenth	1,868	3,848
Fifteenth	1,892	3,561
Sixteenth	3,968	7,372
Seventeenth	9,874	17,606
Eighteenth	2,611	4,879
Nineteenth	23,150	41,231
Twentieth	6,648	11,815
Twenty-first	4,219	8,220
Twenty-second	16,110	31,108
Twenty-third	10,801	19,208
Twenty-fourth	5,313	8,538
Total	107,651	306,098

EVENING SCHOOLS.

*Average Attendance and Whole Number Taught Term of 1894
and 1895.*

SCHOOLS.	MALE.				FEMALE.			
	SENIOR.		JUNIOR.		SENIOR.		JUNIOR.	
	Average Attendance.	Whole Number Taught.	Average Attendance.	Whole Number Taught.	Average Attendance.	Whole Number Taught.	Average Attendance.	Whole Number Taught.
4th Ward			275	1,341				
5th "	100	383						
7th "							879	2,060
8th "			196	614			198	286
9th "			129	429				
10th "			776	1,936				
11th "			664	2,727			244	433
12th " No. 43	115	573						
12th " No. 83	373	940						
13th "							815	1,881
14th "					148	243		
16th "					230	630		
17th " No. 13					713	1,472		
17th " No. 19							214	423
17th " No. 25			290	964				
17th " No. 79	412	1,630						
18th "			234	844				
19th "	406	1,849			372	981		
20th "			220	735				
21st "							170	190
22d "	462	1,251					195	403
23d " Mixed			278	817				
Total	1,868	6,626	3,062	10,407	1,463	3,326	2,715	5,676

Total Average Attendance 9,108

Total Whole Number Taught 26,035

CORPORATE SCHOOLS.

*Average Attendance and Whole Number Taught, year ending
July 25, 1895.*

NAME.	Average Attendance.	Whole Number Taught.
New York Orphan Asylum.....	146	202
Roman Catholic Orphan Asylum—		
Male Department, Fifth avenue.....	495	633
Female Department, Madison avenue.....	491	562
Protestant Half-Orphan Asylum.....	199	200
Leake & Watts Orphan House.....	128	130
Colored Orphan Asylum.....	245	456
American Female Guardian Society and Home Industrial School.....	2,441	6,616
New York Juvenile Asylum.....	965	1,541
House of Reception, New York Juvenile Asylum.....	38	275
Society for Reformation of Juvenile Delinquents, or House of Refuge.....	642	1,073
Ladies' Home Missionary Society.....	386	713
Five Points House of Industry.....	283	405
Children's Aid Society.....	6,316	13,724
Nursery and Child's Hospital.....	144	203
New York Society for the Relief of the Ruptured and Crippled.....	113	361
Hebrew Orphan Asylum Society.....	390	510
Association for Befriending Children and Young Girls, Second avenue.....	52	124
Total.....	18,474	28,028

RECAPITULATION.

SCHOOLS.	Average Attendance.	Whole Number Taught.	Total Average Attendance.	Total Whole Number Taught.
Grammar Schools, Boys.....	84,256	71,570		
“ “ Girls.....	33,678	46,652		
Total Grammar Scholars.....			67,934	118,222
Primary Departments.....	75,817	189,608		
Primary Schools.....	23,900	48,268		
Total Primary Scholars.....			99,717	187,876
Total Grammar and Primary Scholars.....			167,676	306,098
Nautical School.....			54	72
New York Evening High School, Term 1894-1895.....			728	1,978
Harlem “ “ “ “.....			593	1,772
East Side “ “ “ “.....			676	1,740
Central “ “ “ “.....			574	1,583
Ward Evening Schools, “ “.....			9,108	26,035
Total.....			179,384	339,178
Corporate Schools.....			13,474	28,028
Grand Total.....			192,858	367,206

SCHEDULE No. 4.

Showing Expenses incurred for Teachers' and Janitors' Salaries, Repairs by Trustees, Fuel, Light, etc., in the Schools of each Ward, etc., including deliveries of Supplies from the Depository for the year ending December 31, 1895.

Wards, etc.	Teachers' Salaries.	Janitors' Salaries.	Repairs by Trustees.	Light.	Fuel.	Supplies.	Clerks' Salaries.	Total, 12 months.
1st	\$18,453 00	\$1,742 00	\$66 91	\$68 85	\$690 32	\$386 85	\$88 76	\$21,471 60
2d	2,407 52	481 00	69 00	20 49	180 05	54 96	.....	2,813 02
3d	39,509 31	2,548 00	350 67	290 51	1,427 05	1,848 87	46 12	46,960 53
4th	37,764 99	1,866 00	183 95	588 81	1,018 06	1,628 69	39 85	48,141 95
5th	49,920 54	3,211 00	386 12	372 50	2,279 53	1,807 83	36 82	66,081 84
6th	111,251 67	4,511 00	922 65	686 88	2,491 76	6,261 69	107 80	126,952 95
7th	48,108 04	2,379 00	490 81	29 86	1,410 50	2,709 53	54 09	55,504 88
8th	121,561 93	6,186 00	1,385 21	869 75	3,859 64	5,134 14	104 09	138,633 16
9th	192,869 43	7,881 00	980 71	1,354 89	4,053 88	10,359 17	179 87	217,097 45
10th	164,097 29	8,062 07	1,736 89	2,445 74	4,584 39	7,490 31	154 84	207,268 54
11th	617 032 51	33,573 73	6,958 92	1,170 25	23,673 40	50,413 28	140 22	731,800 62
12th	141,305 30	6,716 00	1,570 44	2,445 74	3,123 60	6,474 84	154 84	160,269 27
13th	43,606 22	3,085 00	532 64	230 75	1,092 98	1,634 26	52 47	48,506 02
14th	85,865 96	3,241 00	539 54	653 75	1,583 78	8,094 26	52 47	95,131 47
15th	97,280 83	4,071 00	732 39	1,742 71	2,771 14	5,098 31	163 04	111,929 64
16th	193,489 83	9,057 00	1,578 39	1,742 71	2,771 14	5,098 31	163 04	202,749 49
17th	68,189 70	4,916 00	390 48	2,701 30	2,701 30	3,139 90	162 14	80,439 49
18th	456,439 85	22,546 29	8,273 82	11,731 83	33,888 17	849 84	110 86	580,485 48
19th	192,892 45	7,176 00	8,273 82	2,978 18	11,731 83	5,051 05	87 73	219,170 88
20th	58,646 16	4,983 07	744 10	364 62	9,503 92	16,997 08	291 88	78,443 73
21st	354,944 42	17,891 80	3,468 40	1,893 50	7,450 97	13,059 70	164 83	383,470 73
22d	206,818 85	15,048 73	9,017 66	589 78	7,415 88	6,880 72	69 19	245,114 86
23d	97,311 53	9,185 67	1,019 87	.....	5,957 56	6,880 72	.....	119,944 27
Nautical School .....	.....	.....	.....	636 06	889 52	24 67	.....	1,414 19
Board of Education .....	.....	.....	.....	.....	635 20	1,026 98	.....	2,968 98
Evening Schools .....	.....	.....	.....	.....	8,540 81	8,540 81	.....	8,540 81
Sundries .....	.....	1,382 06	.....	1 12	.....	885 28	.....	4,028 84
	\$3,342,352 49	\$181,014 12	\$31,232 23	\$19,956 64	\$103,380 05	\$206,649 38	\$2,898 17	\$3,887,478 08

SCHEDULE No. 5.

Showing the amount of Expenses in each Ward for Buildings, Furnishings, Heating Apparatus, etc., by special appropriations, etc., Rents, etc., for the year ending December 31, 1895.

Wards.	Sites.	Buildings, etc.	New Furnishings.	New Heating and Sanitary Work.	Repairs, etc., of General Character.	Rents.	Total 12 Months.
1st		\$16,000 00	\$700 00		\$1,280 00		\$16,700 00
2d					2,598 00		1,280 00
3d							2,598 00
4th							
5th							
6th							
7th							
8th	\$35,295 80			\$70 40		\$2,100 00	3,900 00
9th							9,211 40
10th							614 00
11th		15,500 00			12,220 00		47,616 80
12th	30,130 00	277,250 00	9,191 90		9,434 00		11,309 00
13th	9,000 00		53,691 87	51,745 00	12,159 00	1,875 00	66,970 90
14th		7,400 00	1,096 74	2,584 00	57,078 00	31,720 83	460,885 20
15th					4,932 00	1,550 00	17,671 74
16th					9,721 00		9,721 00
17th					4,900 00		1,800 00
18th		71,500 00	8,810 63	12,700 00	4,500 00		97,510 63
19th					2,740 00	1,800 00	4,540 00
20th		2,400 00	11,817 00	5,778 00	10,553 00	7,000 00	48,548 00
21st	9,000 00				20,920 00		29,920 00
22d					1,025 00		1,025 00
23d		81,254 90	2,718 30	44,135 00	8,025 00	3,900 00	92,873 00
24th	57,316 60	24,850 00	1,377 60	5,038 00	9,698 00	1,845 00	101,143 90
Sundries		53,827 00	3,300 50	8,700 00	3,320 00	1,700 00	98,747 50
							1,100 00
	\$189,732 40	\$540,601 90	\$92,603 04	\$190,720 40	\$170,755 00	\$52,790 89	\$1,127,208 57

SCHEDULE No. 6.

Showing the Statute Average Attendance by Wards, and the Amount Apportioned in each Ward, and to the Nautical School and to the Several Corporate Schools :

WARDS.	SCHOOLS IN EACH WARD.	Average Attendance.	Amount Apportioned.
First	Grammar School No. 29, and Primary School No. 15.....	570	\$5,796 12
Second	Primary School No. 34	50	508 43
Fourth	Grammar School No. 1, and Primary Schools Nos. 12 and 14....	1,881	14,042 89
Fifth	Grammar School No. 44, and Primary School No. 11	1,024	10,412 09
Sixth	Grammar School No. 23, and Primary Schools Nos. 2 and 8.....	2,535	25,777 50
Seventh	Grammar Schools Nos. 2, 12 and 81, and Primary School No. 36....	5,480	55,724 10
Eighth	Grammar Schools Nos. 8 and 88....	1,891	19,228 88
Ninth	Grammar Schools Nos. 3, 16 and 41, and Primary Schools Nos. 7, 13 and 24	5,248	53,365 01
Tenth	Grammar Schools Nos. 7, 20, 42 and 75, and Primary School No. 1..	10,200	108,720 10
Eleventh	Grammar Schools Nos. 15, 22, 36, 71 and 88, and Primary Schools Nos. 5 and 31.....	8,636	87,816 35
Twelfth	Grammar Schools Nos. 37, 39, 43, 46, 52, 54, 57, 68, 72, 78, 83, 86, 89, 93 and 95, and Primary Schools Nos. 3, 9, 19, 23, 32 and 43.	31,198	317,241 15
Thirteenth	Grammar Schools Nos. 4, 34 and 92, and Primary Schools Nos. 10, 20 and 40	7,605	77,332 49
Fourteenth	Grammar School No. 21, and Primary Schools Nos. 6 and 80....	1,754	17,885 79

WARD.	SCHOOLS IN EACH WARD.	Average Attendance.	Amount Apportioned.
Fifteenth	Grammar Schools Nos. 35 and 47, and Primary School No. 25.....	2,061	\$20,957 57
Sixteenth	Grammar Schools Nos. 11, 45, 55 and 56.....	3,850	39,149 26
Seventeenth	Grammar Schools Nos. 18, 19, 25 and 79, and Primary Schools Nos. 6, 22 and 26.....	8,968	91,192 84
Eighteenth	Grammar Schools Nos. 40 and 50, and Primary Schools Nos. 4 and 29.....	2,694	27,394 31
Nineteenth	Grammar Schools Nos. 6, 18, 27, 53, 59, 70, 73, 74, 76, 77, 82 and 96, and Primary Schools Nos. 17 and 35.....	21,046	214,009 14
Twentieth	Grammar Schools Nos. 26, 32, 33 and 48, and Primary School No. 27.....	5,782	58,286 68
Twenty-first	Grammar Schools Nos. 14 and 49, and Primary School No. 16....	4,147	42,169 34
Twenty-second	Grammar Schools Nos. 9, 17, 28, 51, 58, 67, 69, 80, 84, 87 and 94, and Primary School No. 41.....	15,662	159,261 20
Twenty-third	Grammar Schools Nos. 60, 61, 62, 85, 90 and 91, and Primary School No. 44.....	8,829	89,778 90
Twenty-fourth	Grammar Schools Nos. 63, 64, 65 and 66, and Primary Schools Nos. 18, 45, 46 and 47.....	2,864	29,122 98
		153,425	\$1,560,123 17
	Nautical School.....	46	467 76
	Total.....	153,471	\$1,560,590 93

CORPORATE SCHOOLS.

NAME.	Average Attend- ance.	Amount Apportioned.
The New York Orphan Asylum. Consolidation Act, Section 1066	189	\$1,921 88
The Roman Catholic Orphan Asylum School (two branches). Consolidation Act, Section 1066 ..	973	9,894 09
The School of the Leake and Watts Orphan House. Consolidation Act, Section 1066	149	1,515 14
The Schools of the American Female Guardian Society. Consolidation Act, Section 1066	2,495	25,870 67
The School Established and Maintained by the New York Juvenile Asylum. Consolidation Act, Section 1066	972	9,883 89
The House of Reception of the New York Juvenile Asylum. Consolidation Act, Section 1066	36	866 08
The School of the Society for the Reformation of Juvenile Delinquents. Consolidation Act, Section 1066	560	5,694 44
The School Established and Maintained by the Ladies' Home Missionary Society of the Methodist Episcopal Church. Consolidation Act, Section 1066	492	5,002 98
The School, including the Country Branch thereof, Established and Maintained under the Charge of the Nursery and Child's Hospital. Consolidation Act, Section 1066	117	1,189 74
The School Established and Maintained by the Five Points House of Industry. Consolidation Act, Section 1063	337	3,426 83
The School of the Association for the Benefit of Colored Orphans. Consolidation Act, Section 1066	241	2,450 65
The Industrial Schools Established and Maintained under the Charge of the Children's Aid Society. Consolidation Act, Section 1063	6,204	63,086 23

NAME.	Average Attend- ance.	Amount Apportioned.
The School Established and Maintained by the New York Society for the Relief of the Ruptured and Crippled. Chapter 835, Laws of 1872	106	\$1,077 89
The Schools of the Protestant Half Orphan Asylum. Consolidation Act, Section 1066	180	1,880 36
The School of the Hebrew Orphan Society. Chapter 230, Laws of 1874	379	3,853 92
The School of the Association for Refriending Children and Young Girls. Chapter 598, Laws of 1880	57	579 62
Total	13,487	\$137,144 41

RECAPITULATION.

NAME.	Average Attend- ance.	Amount Apportioned.
Ward Schools, Grammar and Primary	153,425	\$1,560,123 17
Nautical School	46	467 76
	153,471	\$1,560,590 93
Corporate Schools	13,487	137,144 41
	166,958	\$1,697,735 34

SCHEDULE NO. 7.

To the Board of Education :

The Finance Committee presents herewith Annual Financial Statement for the year 1895, of which the following is a synopsis :

	RESOURCES.	EXPENDITURES.	RELINQUISHED.	BALANCE Dec. 31, 1895.
Funds of 1890.....	\$4,240 18	\$690 35	\$585 00	\$2,964 83
Funds of 1891.....	5,092 82	90 97	4,867 26	134 59
Funds of 1892.....	3,834 53	78 00	3,525 06	231 47
Funds of 1893.....	20,738 57	1,436 31	1,874 23	17,428 03
Funds of 1894.....	180,463 89	153,162 78	.....	27,301 11
Funds of 1895.....	5,002,495 14	4,776,521 83	.....	315,973 31
Special Fund, Con- sol. Act.....	173,634 99	154,000 00	.....	19,634 99
Bonds (proceeds only)	1,400,375 16	940,140 47	.....	460,234 69
Bonds, Sanitary (proceeds only)...	99,460 84	86,107 00	.....	13,353 84
	\$6,989,356 12	\$6,112,227 71	\$10,851 55	\$866,276 86

CHARLES C. WEHRUM,
H. A. ROGERS,
EDWD. H. PEASLEE,
W. J. VAN ARSDALE,
JOSEPH J. LITTLE,

} *Finance
Committee.*

FINANCIAL STATEMENT

FOR THE YEAR ENDING DECEMBER 31, 1895.

APPROPRIATIONS.	RESOURCES.	EXPENDITURES.	RELINQUISHED IN FAVOR OF CITY TREASURY	BALANCE, Dec. 31, 1895.
<i>Account of 1890.</i>				
Salaries of Teachers in Grammar and Primary Schools.....	\$325 54	\$159 27	.....	\$118 92
Buildings Contingent Fund.....	860 54	65 00	.....	.....
Less Transfer.....			945 00	.....
Furniture and Repairs of—Special.....	214 46	520 00	520 00	.....
Repairs to Building—Special.....	860 54	1,075 00	.....	485 00
Plus Transfer.....			.....	.....
Sanitary Work—Changes and Repairs of—Special.....		2,430 91	.....	2,430 91
<i>Resources</i>	\$4,240 18			
<i>Relinquished</i>	\$585 00			
<i>Expended</i>	\$690 35			
<i>Balance</i>	\$2,964 83			
<i>Account of 1891.</i>				
Salaries of Teachers in Grammar and Primary Schools.....		161 69	.....	134 59
Salaries of Inspectors in Grammar and Primary Schools.....		63 87	.....	.....
Included Expenses of Ward Schools—Repairs.....		4,125 76	4,125 76	.....
Furniture and Repairs of—Special.....		741 50	741 50	.....
<i>Resources</i>	\$5,092 82			
<i>Expended</i>	\$90 97			
<i>Relinquished</i>	\$4,867 26			
<i>Balance</i>	\$134 59			

FINANCIAL STATEMENT, 1895—Continued.

APPROPRIATIONS.	RESOURCES.	EXPENDITURES	RELINQUISHED IN FAVOR OF CITY TREAS'Y.	BALANCES IN FAVOR OF DEC. 31, 1895.
Pianos and Repairs of—Special.....	\$180 29			\$180 29
Physical Exercise, etc.....	152 50			
Repairs to Buildings—Special.....	2,075 89		\$153 50	2,075 89
<i>Resources.....</i>	<i>\$20,738 57</i>			
<i>Expended.....</i>	<i>\$1,436 31</i>			
<i>Relinquished.....</i>	<i>\$1,574 23</i>			
<i>Balance.....</i>	<i>\$17,428 03</i>			
<i>Account of 1894.</i>				
Salaries of Teachers in Grammar and Primary Schools.....		30,418 47	\$36,234 58	183 89
Salaries of Janitors in Grammar and Primary Schools.....		3,055 69	2,350 16	1,865 53
Salaries of Teachers and Janitors in Evening Schools.....		2,732 36	1,997 39	734 97
Salaries of Officers <i>et al.</i> , Board of Education.....		1,098 68		1,098 68
Salaries of City Superintendent and Assistants.....		106 41		106 41
Salaries of Clerks to Trustees.....		1,301 32	1,250 28	51 04
Support of Nautical School, etc.....		194 77	187 84	6 93
Supplies, Books, Maps, etc.....		10,488 89	9,926 12	562 77
Libraries, per Act of the Legislature: From City Funds.....	8,300 00			
From State Funds.....	15,214 24			
	23,514 24			
<i>Transferred to 1895.</i>				
Rents of School Premises, etc.....		19,151 33		243 53
Fuel for all the Schools, etc.....		2,038 17	1,707 34	163 78
Gas for all the Schools, etc.....		5,475 06	5,308 26	1,555 80
Incidental Expenses of the Board of Education.....		11,850 58	10,394 60	807 65
Incidental Expenses of Evening Schools.....		2,008 33	1,700 68	4 97
Incidental Expenses of Ward Schools.....		511 50	507 33	2,691 75
Buildings Contingent Fund.....		17,700 97	15,009 23	4,566 32
		17,113 83	12,547 51	

Account of 1892.

Salaries of Teachers in Grammar and Primary Schools.....	
Salaries of Janitors in Grammar and Primary Schools.....	
Incidental Expenses of the Board of Education.....	
Buildings Contingent Fund.....	
Repairs to Buildings—Special.....	
Incidental Expenses of Ward Schools—Repairs.....	
<i>Resources</i>	\$3,834 53
<i>Expended</i>	\$78 00
<i>Retinquitshed</i>	\$3,525 06
<i>Balance</i>	\$231 47

4 95	78 00	4 95	88 04
106 04			148 43
148 43			
612 83		612 83	
450 00		450 00	
2,457 28		2,457 28	

Account of 1893.

Salaries of Teachers in Grammar and Primary Schools.....	
Salaries of Janitors in Grammar and Primary Schools.....	
Support of Technical School, Wages, Current Expenses, etc.....	
Repairs to Buildings, Maps, Slates, Supplies, etc.....	
Fuel for all the Schools, etc.....	
Incidental Expenses of the Board of Education.....	
Gas, etc.....	
Incidental Expenses of Evening Schools.....	
Buildings Contingent Fund.....	
Furniture and Repairs of—Special.....	
Heating and Ventilating Apparatus, etc.....	
Sanitary Work, Changes and Repairs of—Special.....	
Technical Manual and Industrial Education.....	
Lectures to Workmen and Workingwomen—Free.....	
Salaries of Officers <i>&c.</i> of the Board of Education.....	
Salaries of City Superintendent and Assistants.....	
Salaries of Truant Agents.....	
Salaries of Clerks to Trustees.....	

3,492 01	47 92		3,444 09
182 48	23 25		
182 48		182 48	
4 54		4 54	
665 97	136 75	530 22	
464 26		464 26	
16 38		16 38	
1,111 78		33 98	1,111 75
2,275 62		22 75	2,275 62
29 75			
3,461 32	291 92		3,169 40
1,923 88	816 47		1,108 91
2,116 44			2,116 44
1,806 52			1,806 52
107 13		107 13	
236 39	130 00		116 39
1 63		1 63	
17 30		17 30	
242 54		242 54	
98 60		98 60	

FINANCIAL STATEMENT, 1895—Continued.

APPROPRIATIONS.		RESOURCES.	EXPENDITURES.	RELINQUISHED IN FAVOR OF CITY TREAS'Y.	BALANCE IN FAVOR OF DEC. 31, 1895.
Rents of School Premises, etc. (SCHEDULE 3).....	\$69,300 00	\$64,790 00	\$52,790 83	.....	\$11,999 17
Less Transfer.....	4,500 00			.....
Fuel for all the Schools, etc.....		104,032 50	103,380 05	.....	652 45
Gas for all the Schools, etc.....		35,000 00	19,056 64	.....	15,043 36
Incidental Expenses of the Board of Education.....	16,500 00			.....
Plus Transfers.....	1,300 00	17,700 00	14,002 34	.....	3,697 66
Incidental Expenses of Evening Schools.....		1,500 00	714 45	.....	785 55
Incidental Expenses of Ward Schools—Repairs.....		50,000 00	31,282 03	.....	18,767 97
Buildings Contingent Fund.....		45,000 00	24,412 54	.....	20,587 46
Pianos and Repairs of.....		2,000 00	790 00	.....	1,210 00
Furniture and Repairs of.....		37,500 00	19,779 76	.....	17,720 24
Repairs to Buildings.....	140,000 00			.....
Plus Transfer.....	6,900 00	146,900 00	121,676 43	.....	25,223 57
Heating and Ventilating Apparatus, etc.....		10,000 00		.....
Plus Transfer.....	4,500 00	14,500 00	6,403 92	.....	8,096 08
Sanitary Work, Changes and Repairs of.....		73,000 00	67,183 12	.....	5,816 88
Placing Fire Alarm Wires in the Subways.....		7,300 00	1,024 75	.....	6,175 25
Corporate Schools.....		137,292 43	137,144 41	.....	148 02
Technical Manual and Industrial Education.....		30,000 00	24,581 70	.....	5,418 30
Lectures to Workmen and Workingwomen—Free.....		31,500 00	24,077 23	.....	7,422 77
Physical Exercise.....		2,000 00	1,994 31	.....	105 69
Transportation in 23d and 24th Wards.....		3,500 00	2,117 61	.....	1,382 39
Annexed District (Chap. 934, Laws of 1895), Sundry Funds.....		15,647 30	11,411 76	.....	4,235 54
Public School Teachers' Retirement Fund (SCHEDULE 4).....		94,847 65	12,693 34	.....	82,214 31
<i>Resources Account 1895.</i>					
Apportionment from City.....	\$4,963,423 14				
<i>Sundry Trust Funds.</i>					
Balance of Library Fund, 1895.....	4,392 91				
State Apportionment Library Fund, 1895.....	15,214 24				
Annexed District (Sundry Funds).....	15,647 30				
Retirement Fund.....	94,847 65				

Technical Manual and Industrial Education.....	
Lectures to Workmen and Workingwomen—Free.....	
Physical Exercises.....	
Transportation in 2nd and 24th Wards.....	
Pianos and Repairs of.....	
Furniture, and Repairs of.....	
Repairs to Buildings.....	
Heating and Ventilating Apparatus, etc.....	
Sanitary Work, Changes and Repairs of.....	
<i>Resources:</i>	
Per statement, Journal of 1895, p. 217....	\$184,836 80
Less Transfer of Trust Funds to 1895.....	4,362 81
<i>Net Resources</i>	<u>\$180,463 89</u>
<i>Expended</i>	<u>\$153,162 78</u>
<i>Balance</i>	<u>\$27,301 11</u>

Account of 1895.
Salaries of Teachers in Grammar and Primary Schools (SCHEDULE 1).

Salaries of Teachers in Grammar and Primary Schools (SCHEDULE 1).....	\$3,461,251 00
Less Transfer.....	19,566 67

Salaries of Janitors in Grammar and Primary Schools (SCHEDULE 2).
Salaries of Teachers and Janitors in Evening Schools.....

Salaries of Teachers and Janitors in Evening Schools.....	180,000 00
Less Transfer.....	2,000 00

Salaries of Officers *et al.*, Board of Education.....

Salaries of Officers <i>et al.</i> , Board of Education.....	18,200 00
Plus transfer.....	1,466 67

Salaries of Clerks to Trustees.....
Workshop—Salary of Foreman and Wages of Truckman.....
Support of Nautical School, Wages, etc.....

Salaries of Clerks to Trustees.....	20,000 00
Workshop—Salary of Foreman and Wages of Truckman.....	2,000 00
Support of Nautical School, Wages, etc.....	200,000 00
Plus Transfer.....	10,000 00

Supplies, Books, Maps, Slates, etc.....
Plus Transfer.....

Supplies, Books, Maps, Slates, etc.....	4,362 81
Plus Transfer.....	15,214 24

Libraries, per Act of the Legislature.....
Balance of Funds of 1895.....
From City Funds, 1895.....
From State Funds, 1895.....

Libraries, per Act of the Legislature.....	15,214 24
Balance of Funds of 1895.....	15,214 24
From City Funds, 1895.....	15,214 24
From State Funds, 1895.....	

1,508 97	1,424 31	70 66
2,304 30	462 96	1,901 48
405 40	387 08	8 48
2,075 25	856 04	1,215 21
899 28	487 50	371 73
16,170 41	15,040 11	1,191 30
20,872 63	14,939 02	5,738 51
5,865 56	5,013 03	852 53
8,662 76	6,341 19	2,321 57

3,441,684 33	3,403,924 12	37,760 21
181,988 00	181,014 12	973 88
178,000 00	169,940 96	8,059 02
43,750 00	42,093 11	1,716 89
14,666 67	14,641 77	24 90
2,800 00	2,617 83	182 17
2,780 00	2,780 00	
22,000 00	21,878 70	121 30
210,000 00	209,839 27	160 73
34,791 39	4,668 10	30,108 29

FINANCIAL STATEMENT, 1895—*Continued.*

APPROPRIATIONS.	RESOURCES.	EXPENDITURES.	RELINQUISHED IN FAVOR OF CITY TREAS'Y.	BALANCES DEC. 31, 1895.
<i>Total</i>.....\$5,092,465 14				
<i>Payments</i>.....4,776,521 83				
<i>Balance</i>.....315,973 31				
SPECIAL FUND—SEC. 186 AND 206, N. Y. CITY CONSOLIDATION ACT OF 1882.				
Balance per last Report Journal of 1895, page 218.....	173,634 99	154,000 00	.....	19,634 99
PROCEEDS OF SCHOOL-HOUSE BONDS.—(SCHEDULE 5).				
Proceeds of Bonds issued under the authority of Chapter 458, Laws of 1884, as amended and extended by Chapter 494, Laws of 1885; Chapter 456, Laws of 1886; Chapter 136, Laws of 1888; Chapter 252, Laws of 1889; Chapter 264, Laws of 1891; Chapter 282, Laws of 1893; Chapter 459, Laws of 1894; Chapter 88, Laws of 1895;				
Balance per last Report, Journal of 1895, page 217.....	1,409,375 16	940,140 47	.....	469,234 69
Proceeds of Bonds issued in 1895.....				
\$558,448 53				
850,026 63				
PROCEEDS OF SANITARY IMPROVEMENT BONDS. (SCHEDULE 6.)				
Proceeds of Bonds issued under the authority of Chapter 432, Laws of 1891;				
Balance per last Report, Journal of 1895, page 218.....	99,480 84	86,107 00	.....	13,373 84
Proceeds of Bonds issued in 1895.....				
\$12,176 00				
87,204 81				
<i>Total Resources</i>	\$6,989,356 12			
<i>Total Expenditures</i>		\$6,112,227 71		
<i>Total Amount Relinquished</i>			\$10,851 55	
<i>Total Balance, December 31, 1895</i>				\$866,276 86

Schedule 1.—Salaries of Teachers in Grammar and Primary Schools.

WARDS	EXPENDITURES, 1895.					
	Regular Teachers.	Special Teachers.	Regular Substitutes.	Temporary Substitutes.	Total Payments for Salaries.	Retirement Fund.
1st....	\$17,390 65	\$872 15	\$114 60	\$105 60	\$18,483 00	\$465 60
2d.....	1,921 12	84 00		2 40	2,007 52	13 07
4th	37,083 41	1,873 24	416 40	136 26	39,509 31	1,632 44
5th	35,426 86	1,821 78	415 80	99 95	37,764 39	454 99
6th	47,987 88	1,285 63	431 00	213 03	49,920 54	1,340 64
7th	105,553 64	4,171 07	1,279 40	247 56	111,251 67	2,123 68
8th	45,933 49	1,655 55	426 00	153 00	48,168 04	792 63
9th ...	116,849 05	3,230 16	1,258 25	226 87	121,564 33	2,255 88
10th ...	182,784 09	6,632 84	2,329 30	623 20	192,369 43	4,169 71
11th ...	176,465 04	5,794 05	1,715 40	62 80	184,037 29	2,443 80
12th ...	537,495 52	18,623 43	6,628 63	4,284 93	617,032 51	12,714 35
13th ...	135,440 20	4,236 40	1,569 80	58 80	141,305 20	2,743 55
14th ...	41,587 50	1,512 82	455 40	50 60	43,606 32	1,093 36
15th ...	54,835 35	2,711 46	612 75	376 00	58,585 56	1,390 85
16th ...	92,556 96	4,029 77	926 35	367 90	97,880 98	1,630 46
17th ...	133,803 63	7,869 71	1,934 00	93 60	193,700 94	3,163 42
18th ...	65,224 09	2,571 78	591 00	195 83	68,582 70	1,020 86
19th ...	436,221 23	12,887 64	4,863 16	2,467 82	456,439 85	7,606 48
20th ...	116,354 35	4,203 30	1,561 45	243 35	122,362 45	2,589 71
21st	94,472 21	3,055 85	693 70	424 40	98,646 16	1,872 87
22d	320,505 64	8,600 42	3,491 85	1,956 51	334,944 42	6,039 07
23d	197,900 53	5,915 52	2,537 40	404 90	206,848 35	2,859 92
24th	92,398 63	3,919 30	944 40	79 20	97,341 53	1,150 29
	\$3,186,721 07	\$107,557 87	\$35,199 04	\$12,874 51	\$3,342,352 49	\$61,571 63

Summary :

Appropriation.....	\$3,441,684 33
Salaries.....	\$3,342,352 49
Retirement Fund.....	61,571 63
Balance.....	37,760 21

\$3,441,684 33	\$3,441,684 33
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Schedule 2.—Salaries of Janitors in Grammar and Primary Schools.

WARD.	AMOUNT.
First	\$1,742 00
Second	481 00
Fourth	2,548 00
Fifth	1,958 00
Sixth	3,211 00
Seventh	4,511 00
Eighth	2,879 00
Ninth	6,136 00
Tenth	7,881 00
Eleventh	8,062 07
Twelfth	32,879 73
Thirteenth	6,716 00
Fourteenth	2,938 00
Fifteenth	3,341 00
Sixteenth	4,771 00
Seventeenth	8,957 00
Eighteenth	4,916 00
Nineteenth	22,546 29
Twentieth	7,176 00
Twenty-first	4,033 07
Twenty-second	17,894 50
Twenty-third	15,048 73
Twenty-fourth	9,185 67
Watchmen, Temporary Janitors, etc	1,352 06
Total Payments	\$181,014 12
Balance	978 88
Appropriation 1905	\$181,988 00

Schedule 8.—Rentals 1895.

School.	Ward.	Location.	Annual Rental.	Date of Expiration.	Payments 1895.	Liabilities Outstanding.	Appropriation 1895.
		Appropriation					\$69,390
		Less Transfer					4,500
		Net					\$64,790
G. S. 2	7	124 Henry Street.....	\$2,100	June 18th, 1896	\$2,100		
G. S. 7	10	Keex Market Cellar.....		expired		100	
G. S. 24	12	125th St. and Madison Ave.....	4,500	July 1st, 1896	1,875		
G. S. 39	12	290 East 125th Street.....	2,000	Dec. 15th, 1897	2,000		
G. S. 46	12	155th Street and Tenth Ave.....	2,800	Oct. 8th, 1896	2,800		
G. S. 57	12	171 East 114th Street.....	1,100	April 1st, 1896	1,100		
G. S. 66	12	325-331 Lenox Ave.....	1,000	expired	400		
G. S. 83	12	225 East 110th Street.....	1,000	Aug. 1st, 1900	250		
G. S. 95	12	13 and 17 East 125th Street.....	5,000	May 1st, 1899	5,000		
P. S. 3	12	508-517 East 120th Street.....	3,850	Dec. 1st, 1897	3,630.88		
P. S. 9	12	99th Street and Second Ave.....	3,800	Oct. 1st, 1896	3,800		
P. S. 19	12	135th Street and Eighth Ave.....	4,000	Feb. 1st, 1899	4,000		
P. S. 23	12	263-265 West 124th Street.....	5,000	May 1st, 1896	5,000		
P. S. 28	12	179-181 East 124th Street.....	3,750	May 1st, 1899	3,750		
G. S. 34	12	25 Sheriff Street.....	1,200	July 1st, 1897	1,200		
P. S. 40	13	102 Norfolk Street.....	350	March 20th, 1901	350		
P. S. 22	17	205-208 East 11th Street.....		expired	1,800	300	
P. S. 22	17	295 East 11th Street (damages).....					
P. S. 17	19	77th Street and Third Ave.....	7,000	May 7th, 1927	7,000		
P. S. 17	19	Boulevard and 82d Street.....	3,500	April 1st, 1896	3,500		
G. S. 9 P. D	21	141st Street and Brook Ave.....	1,000	March 15th, 1896	1,000		
G. S. 85	23	149th Street and Beach Ave.....	600	Feb. 1st, 1900	135	450	
P. S. 44	23	Springhurst.....	720	Sept. 15th, 1899	720		
P. S. 44	23	160 Elm St. (annex Hall of B. of E.)	1,700	Feb. 1st, 1897	1,700		
		<i>Rent Roll, December 31st 1895.</i>	\$54,770				
		<i>Payments, 1895.</i>			\$62,790.88		52,790.88
		<i>Balance.</i>					11,999.17
		<i>Liabilities Outstanding</i>				\$360	860
		<i>Surplus</i>					\$11,140.17

Schedule 4.—Public School Teachers' Retirement Fund.

AUTHORIZED BY CHAPTER 296, LAWS OF 1894, AND CHAPTER 874, LAWS OF 1895.

The following exhibits the condition of the fund on December 31st, 1895; said fund being administered by the Board of Education conformably with the opinion of the Counsel to the Corporation, dated October 8th, 1895. (Journal of 1895, pp. 1445, 1446.)

From Pay Rolls of	Receipts from Various Appropriations by Deductions from Salaries.					Disbursements.	
	Sal. of Teachers, etc.	Phy. Exercise.	Tech. Man. and Ind. Ed.	Sal. Even. Schools.	Annexed Dist.	Total.	Annuities Paid. Total.
April, 1894.....	\$2,632 53	.....	\$3 33	.....	.....	\$2,636 15	March, 1895.....
May, ".....	4,325 02	.....	5 09	.....	.....	4,330 11	April, ".....
June, ".....	3,786 95	.....	.....	.....	.....	3,786 95	May, ".....
September, ".....	3,401 18	.....	4 00	.....	.....	3,405 18	June, ".....
October, ".....	5,096 55	\$61 25	3 90	\$1,118 24	.....	6,246 69	" (arrears), ..
November, ".....	3,692 07	78 00	.....	517 51	.....	4,194 58	July, ".....
*December, ".....	3,000 00	75 00	.....	377 57	.....	3,457 90	August, ".....
January, 1895.....	10,339 16	15 00	24 01	1,334 62	.....	11,703 79	September, ".....
February, ".....	7,806 61	.....	19 62	1,091 74	.....	8,918 17	October, ".....
March, ".....	6,778 17	.....	44 16	278 25	.....	7,100 68	November, ".....
April, ".....	6,878 78	.....	3 59	.....	.....	6,882 37	December, ".....
May, {	5,110 96	.....	15 00	.....	.....	5,125 96	.....
June, {	4,511 10	.....	3 80	.....	.....	4,514 99	.....
August, ".....	4,745 01	.....	43 67	69 00	\$51 85	4,909 56	.....
September, ".....	5,718 39	.....	3 19	963 95	45 56	6,653 58	.....
October, ".....	4,548 86	22 50	8 00	597 69	8 79	5,192 09	.....
November, ".....	5,170 89	29 25	10 39	451 54	18	5,687 75	.....
December, ".....	.....	51 75	.....	.....	.....	.....	.....
	\$87,433 05	\$407 75	\$197 37	\$6,703 11	\$106 37	\$94,847 65	\$12,633 34

Receipts, all sources..... \$94,847 65

Annuities paid..... 12,633 34

Balance December 31st, 1895..... 82,214 31

*Actual deductions were \$3,573.33, but the balance of appropriation for Salaries of Teachers, etc. was insufficient to charge off the full amount, the certificate of the Clerk of the Board to the Comptroller, for the month of December, 1894, will therefore be supplemented by a further one when the appropriation has been adjusted by transfer.

Schedule 5.—Proceeds of School House Bonds.

	EXPENDITURES.				PROCEEDS.
	Sites.	Buildings.	Heating.	Furniture.	
Balance per last Report, Jour. 1895, page 217.					\$558,448 53
Proceeds of Bonds issued in 1895.					850,928 63
<i>Expended as under:</i>					\$1,409,375 16
1st Ward		\$16,000 00	\$70 40	\$700 00	
2d "	\$35,925 80				
9th "	80,120 00	15,500 00		9,101 00	
11th "	9,000 00	277,250 00	51,745 00	53,691 27	
12th "		7,400 00	2,534 00	1,095 74	
13th "		71,500 00	12,700 00	8,810 63	
17th "		2,400 00	5,775 00	11,817 00	
19th "	8,000 00				
20th "		34,254 90	41,135 00	2,718 30	
22d "		32,850 00	5,058 00	1,377 60	
23d "	57,316 60	83,327 30	8,700 00	3,300 50	
24th "					\$34,609 76
Draughtsmen and Inspectors					543 47
Supplies					489 50
Surveys					900 00
Expert Witnesses					
	\$139,732 40	\$540,601 90	\$130,720 40	\$82,603 04	\$36,482 73
<i>Balance of Proceeds of School House Bonds.</i>					940,140 47
					\$469,234 60
<i>Liabilities as under:</i>					
11th Ward		\$286,700 00	\$45,369 00	\$538 00	
12th "				9,992 07	
13th "				457 20	
17th "			4,882 00	2,963 00	
19th "		28,000 00		3,517 38	
22d "		460 00	11,762 00	13,025 16	
23d "		3,947 00		1,926 40	
24th "			3,246 00	1,150 00	
Surveys					\$160 00
Supplies					540 68
Borings					286 00
Draughtsmen and Inspectors					16,760 71
		\$319,107 00	\$65,259 00	\$33,569 21	\$17,747 39
<i>Balance :—Premium Account.</i>					\$16,409 52
Sundry items and balances no longer required for original purpose for which appropriated					17,142 57
					\$33,552 09

Schedule 6.—Sanitary Bonds.
CHAPTER 432. LAWS OF 1893.

	RESOURCES, 1895.	EXPENDITURES 1895.	LIABILITIES, Dec. 31, 1895.
<i>Proceeds of Bonds:</i>			
Balance proceeds, per statement, Jour. 1895, page 218.....	\$12,176 00		
Proceeds received in 1895.....	87,304 84		
Heating work, etc., 6th Ward.....		\$1,553 00	
“ “ 7th “.....		3,110 00	
“ “ 10th “.....		11,600 00	\$3,450 00
“ “ 11th “.....		2,508 00	
“ “ 12th “.....		20,950 00	3,400 00
“ “ 13th “.....		2,519 00	
“ “ 16th “.....		7,693 00	1,597 00
“ “ 17th “.....		4,804 84	
“ “ 19th “.....		5,695 00	
“ “ 20th “.....		3,326 00	
“ “ 21st “.....		3,750 00	1,494 00
“ “ 22d “.....		4,456 00	
“ “ 23d “.....		2,878 00	
“ “ 24th “.....		9,355 00	2,997 00
“ “ Sundries.....		1,909 16	485 84
	\$99,480 84	\$86,107 00	\$18,373 84

Authorized issue of Bonds.....\$250,000 00

Issued to Dec. 31st, 1895.....\$130,890 84

Available Bonds.....\$119,169 16

SCHEDULE No. 8.

*Showing the Expenses incurred in the Evening Schools for Salaries,
Supplies through the Depository, Repairs, etc., for the year end-
ing December 31, 1895.*

Salaries of Teachers and Janitors	\$169,940 98
Incidental expenses, gas-fitting, carpenter work, small repairs, etc.....	714 45
Supplies through the Depository	8,540 34
Total	<hr/> \$179,195 77

SCHEDULE 9.

Showing Payments of Salaries of Teachers and Janitors of Grammar and Primary Schools and Clerks of Boards of Trustees by Wards, for 1895.

WARDS.	REGULAR TEACHERS.	SPECIAL TEACHERS.	REGULAR SUBSTITUTES.	TEMPORARY SUBSTITUTES.	TOTAL TEACHERS.	JANITORS.	CLERKS TO TRUSTEES.	TOTAL.
1st.....	\$17,300 65	\$872 15	\$114 60	\$105 60	\$18,483 00	\$1,742 00	\$33 76	\$20,259 76
2d.....	1,721 12	84 00	416 40	132 86	2,354 38	2,461 00	46 12	4,841 50
3d.....	37,083 34	1,873 24	415 80	136 86	39,509 30	2,461 00	46 12	42,017 32
4th.....	35,026 84	1,821 78	431 00	136 86	37,734 30	1,355 00	39 05	39,729 34
5th.....	47,827 84	1,825 63	431 00	217 03	49,950 54	2,211 00	56 85	53,198 36
6th.....	105,553 64	4,171 07	1,273 40	217 58	111,251 64	4,511 00	107 30	115,869 97
7th.....	45,133 40	1,655 55	426 00	153 00	48,168 04	2,319 00	54 09	50,601 13
8th.....	116,540 05	3,230 16	1,258 25	226 87	121,564 33	6,138 00	101 09	127,804 42
9th.....	182,734 00	6,632 84	2,399 30	623 30	192,389 43	7,831 00	179 37	200,379 80
10th.....	176,465 04	5,794 05	1,775 40	62 80	184,037 29	8,043 07	154 84	192,254 20
11th.....	587,495 52	18,623 43	6,628 63	4,284 93	617,032 51	32,379 73	518 21	649,980 48
12th.....	135,440 20	4,236 40	1,569 80	58 50	141,305 32	6,716 00	140 22	148,161 42
13th.....	41,587 60	2,711 82	455 40	50 60	43,604 32	2,938 00	52 07	46,596 39
14th.....	54,885 35	2,711 46	612 75	376 00	58,585 56	3,311 00	52 47	61,979 03
15th.....	92,556 96	4,030 77	926 35	397 00	97,880 98	4,771 00	83 41	102,735 39
16th.....	183,803 63	7,869 71	1,934 00	193 60	193,700 94	8,957 00	162 02	202,619 96
17th.....	65,224 09	2,571 78	591 00	195 83	68,582 70	4,916 00	65 14	73,563 84
18th.....	436,221 23	12,887 61	4,868 16	2,407 82	456,480 85	22,546 29	348 81	479,384 98
19th.....	116,354 35	4,203 30	1,561 45	213 35	122,362 45	7,176 00	110 86	130,649 31
20th.....	94,472 21	3,065 85	693 70	421 40	98,616 16	4,933 07	87 73	103,666 96
21st.....	320,895 64	8,000 42	3,491 85	1,956 51	334,344 42	17,394 50	261 88	353,100 80
22d.....	197,000 33	5,915 52	2,537 40	404 90	206,848 35	15,048 73	164 83	222,061 91
23d.....	92,398 63	3,919 30	944 40	79 20	97,341 53	9,185 17	69 12	106,596 32
Sundries.....						1,352 06		1,352 06
	\$3,186,721 07	\$107,557 87	\$35,190 04	\$12,874 51	\$3,342,352 49	\$181,014 12	\$2,863 17	\$3,526,259 78

SCHEDULE No. 10.

Containing Location, Size of Lots, Date of Erection of each School Building, and Estimated Value.

Grammar Schools.	Location.	Size of Lot.	Value of Lots.	Size of Main Building.	No. of Stories.	No. of Wings.	Size of Wings.	Value of Buildings.	Date of Erection.	Altered or Rebuilt.
No. 1	Vandewater street, near Pearl...	75 by 97½ feet...	\$ 45,000	45 by 91 feet.	4	4	15 by 26 feet.	\$ 70,000	1863	.....
2	Henry street, near Pike.....	{ 125 by 100 " } 25 by 100	{ 80,000 } Leased	88 by 51 "	4	{ 4	{ 19 by 34 " } 23 by 40 " } 33 by 46 " }	120,000	1887	.....
3	{ Hudson street, cor. Grove.... } { Bedford street, near Grove.... }	{ 71 by 110 " } 25 by 64½ av.	50,000	48 by 116 "	4	{ 1	{ 23 by 28½ " } 23 by 30½ " } 25 by 55 " }	100,000	1821 } 1860 } 1888 }	.....
4	Rivington street, near Ridge On Ridge street.....	100 by 126 "	113,948	45 by 100 "	4	{ 1	{ 20 by 50 " } 15 by 33 " } 26 by 80 " }	116,337	1819 } 1854 } 1886 }	.....
5	140th street and Edgcombe ave.	100 by 199½ "	59,000	199½ by 61 "	5	{ 8	{ 28½ by 21½ " } 42½ by 32½ " } 21 by 51 " }	253,690	1885	.....
6	N. E. cor. Madison ave. and 85th street.....	{ 164½ by 102½ } 100 by 109½	108,000	159½ by 62 "	5	{ 1	{ 33 by 44 " } 24 by 29 " }	202,943	1863	.....
7	S. E. cor. Chrystie and Heater streets.....	{ 178½ by 100½ } 100 by 100	165,000	174½ by 61 "	4	{ 1	{ 35½ by 30½ " } 32 by 26 " }	201,257	1863	.....
8	King street, near Varick.....	100 by 102½ "	40,000	51 by 87 "	4	{ 2	{ 21 by 33 " } 28 by 25 " }	120,000	1867	.....
9	82d street, cor. 11th avenue....	150 by 102½ "	57,000	31 by 96 "	2	{ 1	{ 19 by 53 " } 45½ by 26½ " }	20,000	1880 } 1887 } 1876 }	.....
10	117th st. and St. Nicholas ave....	201 by 101 av.	75,000	60½ by 182½ "	5	{ 2	{ 56 by 41 " } 58 by 25 " }	227,200	1885	.....
11	17th street, near 8th avenue....	100 by 111 av.	40,000	50 by 100 "	4	{ 4	{ 25 by 25 " } 25 by 25 " }	75,000	1823 } 1854 } 1884 }	.....
12	Madison street, near Jackson...	100 by 95 "	40,000	42 by 85 "	3	{ 4	{ 29 by 25 " } 25 by 25 " }	80,000	1884 } 1886 } 1888 }	.....
13	Houston street, near Norfolk...	100 by 100 "	80,000	50 by 95 "	4	{ 2	{ 25 by 27½ " } 25 by 41 " }	100,000	1833 } 1856 } 1859 }	.....
14	{ 27th street, near 2d avenue... } { On 28th street..... }	{ 125 by 96½ " } 125 by 96½ "	111,000	{ 55 by 128 " } 55 by 99 " }	{ 4 } 4	{ 1 } 1	{ 24 by 29 " } 8 by 18 " }	140,000	1849 } 1859 } 1879 }	.....

SCHEDULE 9.

*Showing Payments of Salaries of Teachers and Janitors of Grammar and Primary Schools and Clerks
of Boards of Trustees by Wards, for 1895.*

WARDS.	REGULAR TEACHERS.	SPECIAL TEACHERS.	REGULAR SUBSTITUTES.	TEMPORARY SUBSTITUTES.	TOTAL TEACHERS.	JANITORS.	CLERKS TO TRUSTEES.	TOTAL.
1st.....	\$17,390 65	\$872 15	\$114 60	\$105 60	\$18,483 00	\$1,742 00	\$53 76	\$20,258 76
2d.....	1,921 12	84 00	.....	2 40	2,007 52	481 00	.....	2,488 52
3d.....	37,983 41	1,873 24	416 40	136 36	39,509 31	2,548 00	46 12	42,108 43
4th.....	38,426 86	1,821 78	415 80	99 95	39,764 39	1,958 00	39 95	39,762 34
5th.....	47,267 86	1,285 63	434 00	213 03	49,920 54	3,211 00	56 82	53,186 36
6th.....	105,553 64	4,171 07	1,273 40	247 56	111,251 67	4,511 00	107 30	115,869 97
7th.....	45,193 49	1,655 55	426 00	153 00	48,168 04	2,319 00	54 09	50,601 13
8th.....	116,949 05	3,230 16	1,258 25	226 87	121,564 33	6,136 00	101 09	127,894 42
9th.....	182,784 09	6,632 84	2,329 30	623 20	182,369 43	7,381 00	179 37	200,379 80
10th.....	176,405 04	5,794 05	1,715 40	62 80	184,037 29	8,063 07	154 84	192,254 20
11th.....	567,495 52	18,623 43	6,628 63	4,284 93	617,032 51	32,379 73	518 24	649,930 48
12th.....	135,440 20	4,226 40	1,569 80	58 50	141,305 20	6,716 00	140 22	148,161 42
13th.....	41,367 60	1,512 82	435 40	50 60	43,606 32	2,938 00	52 07	46,596 39
14th.....	54,985 35	2,711 46	612 75	376 00	58,585 56	3,311 00	52 47	61,979 03
15th.....	92,556 96	4,029 77	929 35	367 90	97,860 98	4,771 00	83 41	103,735 39
16th.....	183,903 63	7,869 71	1,934 00	98 60	193,700 94	8,957 00	162 02	202,819 96
17th.....	65,224 09	2,571 78	591 00	195 83	68,582 70	4,916 00	65 14	73,563 84
18th.....	436,221 23	12,867 61	4,869 16	2,407 82	456,439 85	22,546 29	348 81	479,394 98
19th.....	116,351 35	4,203 80	1,561 45	243 35	122,362 45	7,176 00	110 86	130,649 31
20th.....	94,472 21	3,065 85	663 70	421 40	98,646 16	4,993 07	87 73	103,666 96
21st.....	320,865 64	8,000 42	3,491 85	1,956 51	324,344 42	17,894 50	261 88	353,100 80
22d.....	197,290 53	5,915 52	2,537 40	404 90	206,248 35	15,048 72	164 83	223,061 91
23d.....	92,366 63	3,919 30	944 40	79 20	97,341 53	9,185 67	69 12	106,596 32
Sundries.....	.....	.....	.....	.....	.....	1,352 06	.....	1,352 06
	\$3,198,721 07	\$107,537 87	\$35,199 04	\$12,874 51	\$3,342,352 46	\$181,014 12	\$2,893 17	\$3,556,259 78

SCHEDULE 9.

Showing Payments of Salaries of Teachers and Janitors of Grammar and Primary Schools and Clerks of Boards of Trustees by Wards, for 1895.

WARDS.	REGULAR TEACHERS.	SPECIAL TEACHERS.	REGULAR SUBSTITUTES.	TEMPORARY SUBSTITUTES.	TOTAL TEACHERS.	JANITORS.	CLERKS TO TRUSTEES.	TOTAL.
1st.	\$17,390 65	\$572 15	\$114 60	\$105 60	\$18,483 00	\$1,732 00	\$33 76	\$20,258 76
2d.	1,921 12	84 00	416 40	2 40	2,007 52	461 00	.....	2,468 52
3d.	37,083 41	1,873 24	415 80	136 28	39,509 31	2,548 00	46 12	42,108 43
4th.	35,426 86	1,821 78	434 00	99 95	37,784 39	1,958 00	39 95	39,783 34
5th.	47,967 86	1,385 63	431 00	213 03	40,920 54	3,211 00	56 82	53,186 36
6th.	105,553 64	4,171 07	1,279 40	247 56	111,251 67	4,511 00	107 30	115,869 97
7th.	45,033 49	1,055 55	426 00	153 00	46,168 04	2,879 00	54 09	50,001 13
8th.	116,949 05	3,230 16	1,258 25	226 87	121,564 33	6,186 00	101 09	127,844 42
9th.	182,784 09	6,632 84	2,329 30	623 20	184,369 43	7,381 00	179 37	191,750 80
10th.	176,465 04	5,794 05	1,715 40	62 80	184,037 29	8,063 07	154 84	192,254 20
11th.	587,495 52	18,623 43	6,683 63	4,284 93	617,063 51	32,379 73	518 21	649,890 48
12th.	135,440 20	4,296 40	1,569 80	58 50	141,805 20	6,716 00	140 22	148,161 42
13th.	41,587 50	1,512 82	455 40	50 60	43,606 32	2,938 00	52 07	46,596 39
14th.	54,885 35	2,711 46	612 75	376 00	58,585 56	3,311 00	52 47	61,897 03
15th.	92,556 90	4,029 77	926 35	307 90	97,880 98	4,771 00	83 41	102,652 39
16th.	183,903 03	7,869 71	1,931 00	93 60	193,700 94	8,957 00	102 02	202,657 96
17th.	65,224 09	2,571 78	593 00	195 83	68,562 70	4,916 00	65 14	73,563 84
18th.	436,221 23	12,867 61	4,869 16	2,407 82	450,480 85	22,546 29	348 81	473,394 96
19th.	116,354 35	4,203 30	1,561 45	243 35	122,362 45	7,176 00	110 86	129,548 31
20th.	94,472 21	3,065 85	693 70	421 40	98,646 16	4,033 07	87 73	102,679 96
21st.	820,895 64	8,000 42	3,491 83	1,956 51	834,344 42	17,894 50	261 88	853,100 80
22d.	197,090 53	5,915 52	2,537 40	404 90	200,448 35	15,048 73	164 83	222,061 91
23d.	92,398 63	3,919 30	944 40	79 20	97,341 53	9,185 07	69 12	106,596 32
Sundries	.....	.....	.....	.....	.....	1,352 06	.....	1,352 06
	\$3,186,721 07	\$107,557 87	\$35,196 04	\$12,874 51	\$3,342,352 49	\$181,014 12	\$2,893 17	\$3,526,259 78

SCHEDULE No. 10.
Containing Location, Size of Lots, Date of Erection of each School Building, and Estimated Value.

Grammar Schools.	Location.	Size of Lot.	Value of Lots.	Size of Main Building.	No. of Stories.	No. of Wings.	Size of Wings.	Value of Buildings.	Date of Erection.	Altered or Rebuilt.
No. 1	Vandewater street, near Pearl.	75 by 97½ feet...	\$ 45,000	45 by 91 feet.	4	4	15 by 26 feet.	\$ 70,000	1863	.....
2	Henry street, near Pike.	125 by 100 " " " " " "	80,000 } Leased }	88 by 54 " "	4	4	34 by 34 " " " " " "	130,000	1887	.....
3	Hudson street, cor. Grove.	71 by 110 " "	50,000	48 by 116 " "	4	1	33 by 46 " "	100,000	1881	1890
4	Bedford street, near Grove.	25 by 148 " "			1	1	33 by 28½ " "			1888
4	Rivington street, near Ridge	25 by 64½ av. " "			1	1	33 by 30½ " "			
	On Ridge street.	100 by 126 " "	113,948	45 by 100 " "	4	1	9 by 20 " "	116,237	1819	1854
5	140th street and Edgcombe ave.	100 by 126 " "	50,000	190½ by 61 " "	5	3	25 by 55 " "	263,690	1865	.....
6	N. E. cor. Madison ave. and 85th street.	100 by 126½ " "	108,000	150½ by 62 " "	5	1	26½ by 32½ " "	203,943	1893	.....
7	S. E. cor. Chrystie and Hester streets.	164½ by 102½ " "	105,000	174½ by 61 " "	4	1	33 by 44 " "	201,257	1893	.....
8	King street, near Varick	178½ by 100½ " "	40,000	51 by 87 " "	4	1	35½ by 30½ " "	130,000	1887	.....
9	83d street, cor. 11th avenue.	100 by 100 " "	57,000	31 by 96 " "	2	4	32 by 28 " "	30,000	1890	1897
10	117th st. and St. Nicholas ave.	150 by 102½ " "	75,000	60½ by 182½ " "	5	2	28 by 25 " "	227,300	1895	.....
11	117th street, near 8th avenue.	201 by 104 av. " "	40,000	50 by 100 " "	4	2	45½ by 26½ " "	75,000	1893	1854
12	Madison street, near Jackson.	100 by 111 av. " "	40,000	42 by 85 " "	3	4	25 by 25 " "	80,000	1894	1896
13	Houston street, near Norfolk.	100 by 95 " "	80,000	50 by 95 " "	4	4	25 by 25 " "	100,000	1893	1896
14	27th street, near 2d avenue.	100 by 100 " "		55 by 198 } 2 stories }	4	2	25 by 41 " "	140,000	1849	1850
	On 28th street.	125 by 98¾ " "	111,000	55 by 99 } 2 stories }	1	1	25 by 29 " "	50,000	1879	.....
		125 by 98¾ " "		53 by 53 " "	4	1	8 by 38 " "			
							8 by 14 " "			

SCHEDULE 9.

Showing Payments of Salaries of Teachers and Janitors of Grammar and Primary Schools and Clerks of Boards of Trustees by Wards, for 1895.

WARDS.	REGULAR TEACHERS.	SPECIAL TEACHERS.	REGULAR SUBSTITUTES.	TEMPORARY SUBSTITUTES.	TOTAL TEACHERS.	JANITORS.	CLERKS TO TRUSTEES.	TOTAL.
1st.....	\$17,890 05	\$979 15	\$114 60	\$105 60	\$18,489 00	\$1,742 00	\$33 76	\$20,259 76
2d.....	1,841 00	84 00	116 40	2 40	2,043 80	2,481 00	46 12	2,488 52
3d.....	37,023 41	1,873 24	416 40	136 86	39,500 31	2,848 00	39 08	42,388 43
4th.....	32,026 86	1,891 78	415 80	199 05	34,734 30	1,958 00	56 83	36,749 93
5th.....	47,987 84	1,265 63	434 00	213 03	49,900 51	3,211 00	107 30	53,189 36
6th.....	105,553 64	4,171 07	1,279 40	217 56	111,251 67	4,511 00	54 09	115,869 97
7th.....	45,933 49	1,655 55	426 00	153 00	48,168 04	2,319 00	101 09	50,601 13
8th.....	116,849 05	3,280 16	1,258 25	226 87	121,564 33	6,198 00	179 37	127,944 42
9th.....	182,784 00	6,682 84	2,399 30	623 30	192,369 43	7,881 00	154 84	200,379 60
10th.....	176,465 04	5,794 05	1,715 40	62 80	184,037 29	8,043 07	518 21	192,854 20
11th.....	587,495 52	18,633 43	6,688 63	4,284 83	617,032 51	32,379 73	140 22	649,990 48
12th.....	135,440 30	4,236 40	1,569 80	58 50	141,305 20	6,716 00	52 07	148,161 42
13th.....	41,567 50	1,512 82	455 40	50 60	43,606 32	2,988 00	53 47	46,596 39
14th.....	54,895 35	2,711 46	612 75	376 00	58,585 56	3,311 00	83 41	61,979 03
15th.....	92,556 96	4,036 77	926 35	307 00	97,800 94	4,771 00	162 02	102,735 39
16th.....	183,903 03	7,869 71	1,934 00	93 60	193,700 94	8,957 00	65 14	202,819 96
17th.....	65,224 09	2,571 78	591 00	195 83	68,562 70	4,916 00	348 81	73,568 84
18th.....	436,221 23	12,867 64	4,868 16	2,407 82	456,430 85	22,546 29	110 86	479,334 96
19th.....	116,354 31	4,203 30	1,561 45	313 35	122,362 45	7,176 00	87 73	129,649 31
20th.....	94,472 31	3,065 85	693 70	421 40	98,646 16	17,394 50	261 88	106,066 96
21st.....	320,895 64	8,600 42	3,491 85	1,056 51	334,044 42	15,048 73	164 83	353,100 80
22d.....	197,090 53	5,915 52	2,537 40	404 90	206,848 35	9,185 67	69 12	222,061 91
23d.....	92,398 63	3,919 30	944 40	79 30	97,341 53	1,352 06	.....	106,596 32
Sundries.....								1,352 06
	\$3,186,721 07	\$107,557 87	\$35,190 04	\$12,874 51	\$3,342,362 49	\$181,014 12	\$2,883 17	\$3,526,259 78

No.	Street.	104½ by 87½ feet.	\$34,000	50 by 82½ feet.	4	27 by 35 37 by 27 1 323	\$95,000	1850 1847
No. 34	Broome street, near Sheriff.....	104½ by 87½ feet.						
	Annex, Sheriff street.....	Lensed.						
35	13th street, near 6th avenue.....	87 by 103 "	60,000	49 by 87 "	4	2 19 by 30 1 15 by 27 1 15 by 24	50,000	1851
36	9th street, near Avenue C.....	100 by 100 "	40,000	50 by 95 "	4	2 25 by 38 2 25 by 36 2 8 by 16	80,000	1856 1856 1876
37	87th street, near 4th avenue	104¾ by 100½ "	65,000	43 by 83 "	4	2 13 by 28 2 12½ by 28 2 37½ by 25	70,000	1853
	88th " "	51 by 100½ "						
38	Clarke street, near Broome.....	100 by 90 "	41,000	50 by 90 "	4	2 25 by 35 2 25 by 29 2 10 by 34	60,000	1847
39	135th street, near 2d avenue.....	183½ by 90½ "	80,000	50 by 85 "	3	2 30 by 39 av.	90,000	1856 1869 1877
40	Annex, 230 E. 125th street.....	Lensed.						
	23d street, near 2d avenue.....	97¾ by 98¾ "	65,000	48 by 98¾ "	4	2 2¼ by 47¼ 2 8¼ by 13	70,000	1855
41	Greenwich ave., opposite Charles street.....	75 by 119 "	60,000	48 by 75 "	4	1 50 by 87	95,000	1857 1850 1866
42	Allen street, near Hester.....	98 by 76 "	60,000	44 by 76 "	4	4 18 by 23	100,000	1850 1857
	Hester street, near Allen.....	38 by 75 "		38 by 70 "	4	1 15 by 20	40,000	1854
43	10th av., cor. 129th street.....	200 by 96½ "	45,000	45 by 70 "	3	1 78 by 92 1 16 by 38 1 23¼ by 37¼	201,846	1855 1855 1895
44	North Moore st., cor. Varick.	87½ by 75 "	80,000	47 by 80 "	4	1 17 by 23 2 14 by 25	60,000	1851
	W. B'dway, n. Franklin st.....	25 by 75 "				1 25 by 75		
45	24th street, near 7th avenue.....	125 by 98¾ "	60,000	50 by 95 "	4	2 18 by 25 2 20 by 25	70,000	1851 1859
46	156th st., cor. St. Nicholas av.	199½ by 100 "	60,000	60 by 167 "	4	2 28 by 38 2 40 by 57	180,000	1890
	Branch, 155th st., cor. 10th av.,	Lensed.						
47	12th street, near Broadway.....	100 by 90 av. "	86,000	45 by 100 "	4	2 25 by 50 2 24 by 26½	70,000	1855
48	28th street, near 6th avenue.....	110 by 98¾ "	60,000	45 by 81 "	4	2 35½ by 50	70,000	1854
				2 stories.				
				50 by 125				
				2 stories.				
				50 by 110				
49	37th street, near 2d avenue.....	100 by 125 "	80,000	20 by 40 "	4	2 20 by 40	110,000	1855
	38th " "	75 by 97 av. "		25 by 37½ "	1	2 25 by 37½	28,000	1881
				28 by 64	3	1 20 by 30		

Grammar School.	Location.	Size of Lot.	Value of Lots.	Size of Main Building.	No. of Stories.	No. of Wings.	Size of Wings.	Value of Buildings.	Date of Erection.	Altered or Rebuilt.
No. 85	138th and 139th sts., n. Willis av. Annex 141st st. and Brook av.	175 by 200 feet. Leased.	\$60,000	180 by 57 feet.	4	2	28 by 42 25 by 32	\$215,000	1889	.....
86	Lexington av., S. E. cor. 96th st.	100 by 170	45,000	163 by 57	4	1	27 by 38 38 by 40	210,000	1890	.....
87	Tenth av., N. E. cor. 77th st.	100 by 127 50 by 102½	73,000	122 by 58	4	1	25 by 38 50 by 67	224,724	1889	1895
88	N. W. cor. Rivington and Lewis streets	100 by 100 50 by 107 av.	80,000	95 by 57	4	1	24 by 36 24 by 36½	201,480	1889	1895
89	N. W. cor. Lenox ave. and W. 134th street.	99½ by 150	50,000	61 by 143	4	1	26 by 37 33 by 46	160,000	1890	.....
90	S. E. cor. Eagle av. & E. 163d st.	275 by 180	30,000	254 by 62 av.	4	1	37 by 50 54 by 58	245,000	1890	.....
91	S. W. cor. Ogden ave. and Orchard st.	141 by 150 90 by 150	7,500	37 by 118	4	1	46 by 48	85,000	1890	.....
92	N. W. corner Broome and Ridge streets.	100 by 125	120,700	58½ by 118	4	2	40 by 32 27 by 39	150,621	1891	.....
93	N. W. cor. 93d st. and Amsterdam avenue.	170 by 120	81,700	60 by 161	4	2	48 by 30 38½ by 53	170,653	1890	.....
94	N. W. cor. 68th st. and Amsterdam avenue.	125 by 100	72,500	59 by 117	4	2	48 by 30 26½ by 37	162,126	1890	.....
95	18-17 East 125th street.	Leased.								
96	N. E. cor. 81st st. & Ave. A.	102½ by 123 76½ by 98	72,500	123 by 62	5	2	116 by 139½ 51 by 15½	204,796	1894	.....
97	3d ave. bet. Washington & Madison sts., Westchester Annex, 14th st. & Ave. C., Westchester	Annexation.								
98	Part ave. and 2d st., Williamsbridge	"								
99	Eastern Boulevard, near Elliott ave., Throggs Neck	"								
100	Westchester Turnpike, near Clisson Point road.	"								
101	Madida st., between Westchester av. & Wakefield.	"								
102	Main and Orchard streets, City Island	"								
	88th st., bet. 2d and 3d aves	100 by 200 feet.	74,417	In course of erection.						

Grammar Schools.	LOCATION.	Size of Lot.	Value of Lots.	Size of Main Building.	No. of Stories.	No. of Wings.	Size of Wings.	Value of Buildings.	Date of Erection.	Altered or Rebuilt.
No. 85	138th and 139th sts., n. Willis av. Annex 141st st. and Brook av.	175 by 300 feet. Leased.	\$60,000	180 by 57 feet.	4	2	26 by 42 feet. 25 by 32 "	\$215,000	1880	.....
86	Lexington av., S. E. cor. 96th st.	100 by 170 "	45,000	163 by 57 "	4	1	27 by 38 " 28 by 40 "	210,000	1880	.....
87	Tenth av., N. E. cor. 77th st., }	100 by 127 " 50 by 102½ "	73,000	122 by 58 "	4	1	25 by 38 " 26 by 45 "	234,724	1880	1805
88	N. W. cor. Rivington and Lewis streets	100 by 100 " 50 by 107 av.	80,000	95 by 57 "	4	1	24 by 36 " 25 by 37 "	201,480	1880	1805
89	N. W. cor. Lenox av. and W. 134th street.	99½ by 150 "	50,000	61 by 143 "	4	1	26 by 37 " 27 by 48 "	160,000	1890	.....
90	S. E. cor. Eagle av. & E. 163d st.	275 by 130 "	30,000	254 by 63 av.	4	1	33 by 50 " 34 by 58 "	245,000	1890	.....
91	S. W. cor. Ogden av. and Orchard st.,	141 by 150 " 90 by 150 "	7,500	37 by 118 "	4	1	46 by 48 "	85,000	1890	.....
92	N. W. corner Broome and Ridge streets.	100 by 125 "	120,700	58½ by 118 "	4	2	40 by 32 " 37 by 39 "	150,621	1891	.....
93	N. W. cor. 23d st. and Amsterdam avenue.	170 by 120 "	81,700	60 by 161 "	4	2	48 by 30 " 36½ by 53 "	170,653	1890	.....
94	N. W. cor. 68th st. and Amsterdam avenue.	125 by 100 "	72,500	59 by 117 "	4	2	48 by 30 " 26½ by 37 "	162,136	1890	.....
95	13-17 East 125th street.	Leased.								
96	N. E. cor. 81st st. & Ave. A.	102½ by 123 "	72,500	123 by 62 "	5	2	116 by 62¾ " 51 by 15½ "	294,795	1894	.....
97	2d ave., bet. Washington & Madison sts., Westchester.	76½ by 98 "								
98	Westchester Annex, 14th st. & Ave. C.	Annexation.								
99	Park ave. and 2d st., Williamsbridge.	"								
99	Eastern Boulevard, near Elliott ave., Throggs Neck.	"								
100	Westchester Turnpike, near Chasson Point road.	"								
101	Matilda st., between Resuth & Westchester aves., Wakefield.	"								
102	Main and Orchard streets, City Island.	"								
	88th st., bet. 2d and 3d aves.	100 by 200 feet.	74,417	In course of erection.						

[illegible]

School.	Location.	Size of Lot.	Value of Lots.	Size of Main Building.	No. of Stories.	No. of Wings.	Size of Wings.	Value of Buildings.	Date of Erection.	Altered or Rebuilt.
No. 26	12th street, near Avenue B.....	88 by 103 feet.	\$26,000	45 by 97 feet.	.....	.....	17½ by 24 feet	\$30,000	1893	.....
27	37th street, near 11th avenue.....	125 by 104 av. "	33,000	40 by 90 "	3	2	9½ by 37½ "	60,000	1854	1868
28	179-181 East 124th street.....	Leased.	.....	.....	.....	.....	.....	.....	.....	.....
29	19th street, near 1st avenue.....	83 by 92 "	22,000	40 by 90 "	2	2	21½ by 35 "	30,000	1854	1861
30	Baxter street, near Grand.....	75 by 100 "	30,000	45 by 90 "	3	1	9 by 20 "	30,000	1844	.....
31	3d street, near Avenue C.....	70 by 106 "	38,000	.....	.....	.....	.....	40,000	1867	.....
32	188d street, near 11th avenue.....	301 by 110 "	30,000	78 by 40 "	1	2	15 by 20 "	30,000	1878	.....
33	Fox, Simpson and 167th streets.	1694 by 118½ "	12,000	114½ by 58 "	1	.....	.....	43,000	1895	.....
34	Pearl street, near Beckman.....	231½ by 100½ "	.....	.....	.....	.....	.....	.....	.....	.....
35	Pearl street, near Beckman.....	25 by 100 "	30,000	25 by 46 "	3	1	9 by 11 "	12,000	.....	1873
36	N. W. cor. 51st st. and First av.	125 by 100 "	71,000	95 by 60 "	4	2	18 by 30 "	134,947	1892	.....
37	Monroe street, near Market.....	50 by 142½ "	20,000	36 by 122 "	3	2	25 by 28 "	45,000	1863	.....
38	Essex Market Building, Grand and Essex streets.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39	11th st. and White Plains ave. Williamsbridge.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
40	Pelham avenue, Bronxdale.....	Annexation.	.....	.....	.....	.....	.....	.....	.....	.....
41	Norfolk street, near Rivington.	Annexation.	.....	.....	.....	.....	.....	.....	.....	.....
42	58th street, near 10th avenue.....	50 by 100 "	13,000	40 by 30 "	4	2	25 by 30 av. "	52,000	1881	.....
43	88th street, near 3d avenue.....	25 by 100 "	.....	.....	.....	.....	.....	.....	.....	.....
44	Concord avenue, cor. 143th st.	Leased.	23,500	51½ by 90½ "	4	2	18 by 27½ "	55,000	1877	.....
45	Annex., Springhurst.....	Leased.	.....	.....	.....	.....	.....	.....	.....	.....
46	Mount Hope.....	Leased.	3,200	35 by 75 "	1	.....	.....	11,000	1867	.....
47	Johnson ave., Spuyten Duyvil.....	75 by 103 "	1,000	47 by 55 "	2	1	25 by 35 "	9,000	.....	.....
48	Moshol.....	100 by 100 "	5,500	69 by 113½ "	3	.....	.....	93,047	1890	.....
49	5th ave., near Kingsbridge Road.	100 by 185 "	1,500	28 by 40 "	2	.....	.....	4,500	.....	.....
50	Eastchester.....	170 by 160 "	.....	.....	.....	.....	.....	.....	.....	.....
* 20th street, near 1st avenue (Temporary storehouse.)	Annexation.	145 by 170 by 122 "	.....	.....	.....	.....	.....	.....	.....	.....
Total	80 by 90 "	.....	26,000	50 by 95 "	3	.....	.....	40,000	1849	1858
			\$7,083,498					\$13,083,392		

* Used as a storehouse.

SCHEDULE No. 11.

The following is an Exhibit of the Moneys apportioned for the support of Common Schools for the past fifteen years :

1881	\$3,620,095 00
1882	3,500,000 00
1883	3,873,723 00
1884	4,431,950 00
1885	3,859,800 00
1886	3,816,300 00
1887	3,994,088 00
1888	4,313,167 00
1889	4,079,008 86
1890	4,224,417 00
1891	4,267,367 00
1892	4,448,355 64
1893	4,524,830 23
1894	4,634,134 27
1895	4,962,423 14

APPENDICES.

Report of the City Superintendent.

CITY SUPERINTENDENT'S OFFICE, }
NEW YORK, *December 31, 1895.* }

To the Honorable the Board of Education:

In conformity with law I submit the Annual Report for the schools under the jurisdiction of the Board. The report presents a statement of the condition and work of the schools during the year 1895, together with such recommendations for the improvement of the school system as I deem advisable to present at this time.

NUMBER AND CLASSIFICATION OF SCHOOLS.

The whole number of schools under the control or supervision of the Board of Education is three hundred and twenty-nine (329), consisting of the following:

Grammar Schools for Males.....	49
Grammar Schools for Females.....	49
Grammar Schools for both sexes.....	23
Primary Departments of Grammar Schools.....	86
Primary Schools (separate).....	46
Corporate Schools (Industrial Schools, Reformatories, Orphan Asylums, etc.).....	44
Evening Schools, including 4 High Schools.....	31
Nautical School (on board ship "St. Mary's")	1
Total.....	329

During the year the following changes were made in the organization of the schools:

Twelfth Ward.—Grammar School No. 5, located at One Hundred and Forty-first street and Edgecombe avenue, was organized as follows: On September 9th, a Male and a Female Grammar

Department were organized. On November 1st, a Mixed Primary Department was formed by the transfer of the Principal, teachers and pupils of Primary School No. 19.

Grammar School No. 10, located at One Hundred and Seventeenth street and St. Nicholas avenue, was organized as follows: On September 9th, a Mixed Grammar Department was organized, and on the same date a Mixed Primary Department was formed by the transfer of the Principal, teachers and pupils of Primary School No. 23.

Grammar School No. 24, located at Madison avenue and One Hundred and Twenty-fifth street, was organized on November 18th with a Female Grammar Department.

Primary School No. 19 (new), located in West One Hundred and Thirty-fifth street, near Eighth avenue, was organized on November 18th.

Primary School No. 23 (new), located at 263 West One Hundred and Twenty-fourth street, was organized on November 11th.

A Male Evening School for Juniors was organized on October 7th in the building of Grammar School No. 95, located at No. 13 East One Hundred and Twenty-fifth street.

Fourteenth Ward.—On January 9th, Primary Department No. 5 was renamed Primary School No. 6, and Primary Department No. 30 was renamed Primary School No. 30.

Fifteenth Ward.—On January 9th, Primary Department No. 10 was renamed Primary School No. 25.

Nineteenth Ward.—Grammar School No. 96, located at Avenue A and Eighty-first street, was organized on March 4th with a Male Grammar, a Female Grammar and a Mixed Primary Department.

Twentieth Ward.—Grammar School No. 48, consisting of a Female Grammar and a Mixed Primary Department, was consolidated into one Department on July 10th.

Twenty-third Ward.—Primary School No. 33, located at Fox, Simpson and One Hundred and Sixty-seventh streets, was organized on September 9th.

Twenty-fourth Ward.—By annexation nine schools, formerly in Westchester County, were added to the City School System on June 7th. They were numbered as follows:

Grammar School No. 97, located at Westchester.

Grammar School No. 98, located at Williamsbridge.

Grammar School No. 99, located at Throgg's Neck..

Grammar School No. 100, located on Westchester Turnpike.

Grammar School No. 101, consisting of a Mixed Grammar and
a Mixed Primary Department, located at Wakefield.

Grammar School No. 102, located at City Island.

Primary School No. 38, located at Williamsbridge.

Primary School No. 39, located at Bronxdale.

Primary School No. 48, located at Eastchester.

One Corporate School, of the American Female Guardian Society, was closed during the year.

The New York Orphan Asylum withdrew from its connection with the New York City School system.

The following table gives the schools classified with reference to the number of departments that each contains, the sexes taught, etc.

WARD.	Three Departments—Boys' Grammar, and Primary for both sexes.	Two Departments—Boys' Grammar, and Primary for both sexes.	Two Departments—Girls' Grammar, and Primary exclusively for boys.	Two Departments—Girls' Grammar, and Primary exclusively for girls.	Two Departments—Mixed Grammar(boys and girls), and Primary for both sexes.	Two Departments—Boys' 14 Grades; and Girls' 14 Grades.	One Department—Grammar and Primary—Boys and girls.	One Department—Male Grammar.	One Department—Female Grammar.	One Department—Grammar Grades for girls, and Primary Grades for both sexes.	Primary Schools — For both sexes.
First.....	21	23	19	3	6	13	11	1	1	1	15
Second.....	1	1	1	1	1	1	1	1	1	1	34
Third.....	44	1	1	1	1	1	1	1	1	1	12, 14
Fourth.....	1	1	1	1	1	1	1	1	1	1	11
Fifth.....	1	1	1	1	1	1	1	1	1	1	2, 8
Sixth.....	2	12	31	23	23	23	23	23	23	23	36
Seventh.....	3	6	38	41	41	41	41	41	41	41	7, 13, 24
Eighth.....	3	26	42	42	42	42	42	42	42	42	5, 31
Ninth.....	30	15, 32	74, 88	74, 88	74, 88	74, 88	74, 88	74, 88	74, 88	74, 88	34, 9, 19, 21, 23, 28,
Tenth.....	36	30, 86, 80	37, 57, 68	37, 57, 68	37, 57, 68	37, 57, 68	37, 57, 68	37, 57, 68	37, 57, 68	37, 57, 68	10, 20, 40
Eleventh.....	4, 46, 93	34	92	72, 78	10, 43, 54	32	32	32	32	32	6, 30
Twelfth.....	21	11	35	47	47	47	47	47	47	47	23†
Thirteenth.....	1	1	1	1	1	1	1	1	1	1	23, 26
Fourteenth.....	19, 35	79	13	45, 56	45, 56	45, 56	45, 56	45, 56	45, 56	45, 56	4, 29
Fifteenth.....	1	1	1	1	1	1	1	1	1	1	17, 35
Sixteenth.....	18, 77, 96	37, 70, 74, 82, 53, 59, 73, 76	50	50	50	50	50	50	50	50	27, 35
Seventeenth.....	1	1	1	1	1	1	1	1	1	1	16
Eighteenth.....	14, 49	36, 32	33	33	33	33	33	33	33	33	41
Nineteenth.....	69, 87	51, 58, 67, 94, 17, 28, 84	21	21	21	21	21	21	21	21	33, 44†
Twentieth.....	1	1	1	1	1	1	1	1	1	1	18†, 38, 39†, 45†, 46†
Twenty-first.....	1	1	1	1	1	1	1	1	1	1	46
Twenty-second.....	1	1	1	1	1	1	1	1	1	1	1
Twenty-third.....	1	1	1	1	1	1	1	1	1	1	1
Twenty-fourth.....	1	1	1	1	1	1	1	1	1	1	1
Total.....	21	23	19	3	6	13	11	1	1	1	46

* Primary Department with Grammar Grades.

† Boys only.

‡ Some of the Grammar Grades are taught.

A comparison of this table with that for the year 1894 shows that the different classes of schools have increased as follows: Three-Department, 2; Two-Department, 1; One-Department, 4; Primary, 7.

The following table shows the register number and average attendance of the Grammar and Primary Schools, and the attendance in per cent. of the register number, for each school month during the year:

1895.	Register.	Average Attendance.	Per Cent.
January.....	173,074	155,249	89
February.	177,359	161,175	90
March.....	177,204	163,507	92
April.....	176,439	157,274	89
May.....	174,425	160,688	92
June.....	167,951	153,477	91
*July.....	167,972	148,499	88
September.....	186,865	166,719	89
October.....	187,423	172,978	92
November.....	184,381	174,101	94
December.....	186,622	170,972	91

* Three school days.

The sessions (half days) omitted in consequence of temporary closing and the reasons for such omissions are as follows:

Seventh Ward.—Grammar School No. 2, 2 sessions (October 23), emergency repairs.

Tenth Ward.—Grammar School No. 20, 3 sessions (June 6th and 7th), contagious disease in family of Janitor.

Twelfth Ward.—Grammar School No. 89, 26 sessions (May 21–June 6), contagious disease in family of Janitor.

Seventeenth Ward.—Primary School No. 22, 6 sessions (July

1-3), school closed June 30, through surrender of leased building.

Primary School No. 26, 3 sessions (Jan. 3 and 4), contagious disease in family of Janitor.

Twentieth Ward.—Grammar School No. 32, 6 sessions (April 9-11), contagious disease in family of Janitor.

Twenty-second Ward.—Primary School No. 41, 30 sessions (Sept. 9-27), vacation repairs not completed.

Twenty-third Ward.—Grammar School No. 85, except Annex, 24 sessions (Sept. 9-25), vacation alterations not completed.

Twenty-fourth Ward.—Grammar School No. 101, 4 sessions (July 2-3), school closed for vacation by former Trustees.

Grammar School No. 102, 6 sessions (July 1-3), school closed for vacation by former Trustees.

The following table exhibits the average attendance and the whole number of pupils taught in each class of schools during the past three years :

SCHOOLS.	AVERAGE ATTENDANCE.			WHOLE NUMBER TAUGHT		
	1895.	1894.	1893.	1895.	1894.	1893.
Male Grammar.	28,744	26,983	25,232	48,398	45,781	41,676
Female Grammar	28,308	26,125	24,432	37,259	42,108	40,786
Mixed Grammar.	10,665	8,839	7,420	21,489	14,964	12,975
Primary Departments.	72,445	70,477	68,192	139,588	138,903	136,071
Primary Schools.	23,177	21,890	20,794	48,268	45,019	41,905
Evening Schools.	11,670	14,628	11,344	32,895	36,887	30,672
Corporate Schools.	13,317	13,478	11,421	27,654	27,997	25,880
Nautical School.	49	48	38	72	77	45
Total.	188,375	182,468	168,873	355,623	351,686	329,960

The whole number taught is ascertained by counting the whole number of admissions made to the several schools and departments, the same pupil being thus counted as often as he has been admitted. The number of different pupils taught is given in a subsequent table.

Some children admitted to a school had not, prior to admission, attended another public school during the year ; 6,758 such children were admitted to the Grammar grades, and 47,921 to the Primary grades.

An examination of the above table shows an increase of 5,907 in the average attendance of all the schools under the jurisdiction of the Board of Education, when compared with the returns for the preceding year ; the increase in the Primary Departments and Primary Schools is 3,255, and the increase in the Grammar Departments is 5,770.

In the attendance in the several classes of schools, the increase or decrease for the years 1894 and 1895 may be seen from the following table :

SCHOOLS.	1895.		1894.	
	Increase.	Decrease.	Increase.	Decrease.
Male Grammar.....	1,761	----	1,751	----
Female Grammar.....	2,183	----	1,693	----
Mixed Grammar.....	1,826	----	1,419	----
Primary Departments.....	1,968	----	2,285	----
Primary Schools.....	1,287	----	1,096	----
Evening Schools.....	----	2,958	3,284	----
Corporate Schools.....	----	161	2,057	----
Nautical School.....	1	----	10	----

The following table exhibits the average attendance and the increase or decrease, together with the percentage of increase or decrease in the Grammar and the Primary Schools, for each of the past ten years :

YEAR.	Average Attendance.	Increase of Attendance.	Decrease of Attendance.	Per Cent. of Increase.	Per Cent. of Decrease.
1886.....	132,745	2,756	-----	2.08	-----
1887.....	133,944	1,194	-----	0.90	-----
1888.....	134,248	304	-----	0.23	-----
1889.....	132,424	-----	1,824	-----	1.38
1890.....	136,126	3,702	-----	2.72	-----
1891.....	137,849	1,723	-----	1.25	-----
1892.....	141,508	3,659	-----	2.59	-----
1893.....	146,070	4,562	-----	3.22	-----
1894.....	154,314	8,244	-----	5.64	-----
1895.....	163,339	9,025	-----	5.85	-----

The average attendance of the above schools has increased 33,353 during the last ten years.

The by-laws of the Board require that there shall be two sessions of three hours each in every school day. No pupil is counted in attendance for a session unless he has been present for at least one hour and a half.

The average daily attendance of pupils to a class was as follows: Male Grammar Departments, 39; Female Grammar Departments, 40; Mixed Grammar Departments, 32; Primary Departments, 50; Primary Schools, 42.

The average attendance of pupils in each of the twenty-four Wards of the city, for the past three years, was :

WARD.	1895.	1894.	1893.	WARD.	1895.	1894.	1893.
1st.....	578	584	575	14th.....	1,868	1,786	1,732
2d.....	51	50	46	15th.....	1,892	2,003	1,984
4th.....	1,539	1,408	1,325	16th.....	3,976	3,893	3,717
5th.....	991	997	1,029	17th.....	9,369	9,051	8,795
6th.....	2,257	2,121	1,983	18th.....	2,612	2,676	2,645
7th.....	5,701	5,488	5,359	19th.....	22,741	20,914	19,624
8th.....	2,125	1,939	1,848	20th.....	5,866	5,706	5,654
9th.....	5,329	5,273	5,158	21st.....	4,220	4,182	4,092
10th.....	10,493	10,291	8,953	22d.....	16,112	15,782	15,279
11th.....	8,994	8,656	8,430	23d.....	10,542	9,331	8,163
12th.....	34,039	31,613	29,767	24th.....	4,215	2,940	2,707
13th.....	7,829	7,680	7,260	Total...	163,339	154,314	146,070

From the table it will be seen that there is no school in the Third Ward, that there has been a continuous decrease of the attendance in the Fifth Ward, and that there has been a continuous increase in all the other Wards except the First, Fifteenth and Eighteenth.

Fifty-five per cent. of the whole number of pupils on register in the Grammar and Primary Schools attend the schools north of Fortieth street, and thirty-five per cent. attend the schools south of Fourteenth street.

The increase or decrease in daily attendance in each of the twenty-four Wards during the year, as compared with the returns of 1894, was as follows:

WARD.	Increase.	Decrease.	WARD.	Increase.	Decrease.
1st.....		6	14th.....	82	
2d.....	1		15th.....		111
4th.....	131		16th.....	88	
5th.....		6	17th.....	318	
6th.....	136		18th.....		64
7th.....	213		19th.....	1,827	
8th.....	186		20th.....	160	
9th.....	56		21st.....	38	
10th.....	202		22d.....	380	
11th.....	338		23d.....	1,211	
12th.....	2,426		24th.....	1,275	
13th.....	149				

From reports received from the Principals it was shown that, for the school year ending July 31st last, the whole number of different pupils taught during the year in the Grammar and Primary Schools was 226,711. This fact and others relating to these schools are given in the following table:

SCHOOLS.	Total Enrollment.	Average Attendance.
Male and Mixed Grammar.....	50,966	39,222
Female Grammar.....	33,145	27,273
Primary Departments.....	107,184	70,692
Primary Schools.....	35,416	24,718
Total.....	226,711	161,905

The whole number of different pupils taught in all the schools (Grammar, Primary, Evening, Corporate and Nautical) participating by law in the School Fund was 280,446.

*Table showing the Number on Register in the several grades,
December 31, 1895.*

GRADES.	GRAMMAR.			PRIMARY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
1st.....	3,101	2,917	6,018	6,517	6,669	13,186
2d.....	2,335	2,417	4,752	8,084	7,983	16,017
3d.....	2,965	2,889	5,854	8,407	8,093	16,500
4th.....	3,646	3,568	7,214	9,819	9,624	19,443
5th.....	4,371	4,398	8,772	9,670	9,210	18,880
6th.....	5,435	5,396	10,831	15,635	15,383	31,118
7th.....	6,229	6,150	12,379	129	139	268
8th.....	7,538	7,881	15,419			
Totals.....	35,623	35,616	71,239	58,361	57,051	115,412

From these statistics it appears that at the close of the year there were seven more male than female pupils in the Grammar grades, and 1,220 more male than female pupils in the Primary grades.

The register of the Primary pupils exceeds that of the Grammar pupils in the ratio of eight to five.

The pupils in the First Grammar grade have the option of two courses, one of which is intended to prepare them for admission to the two colleges—College of the City of New York and Normal College. The number pursuing each of the courses was as follows: College—males, 1,872; females, 2,493. Non-College, first year—males, 865; females, 289. Non-College, second year—males, 364; females, 135.

The percentage of pupils in each of the Grammar grades, December 31, 1895, was as follows :

Grades.....	1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.
Per cent.....	8.44	6.68	8.22	10.13	12.31	15.20	17.38	21.64

The percentage of pupils in each of the Primary grades, December 31, 1895, was as follows :

Grades.....	1st.	2d.	3d.	4th.	5th.	6th.	7th.
Per cent.....	11.43	13.89	14.31	16.86	16.37	26.91	0.23

The following table shows what percentage of the total enrollment of pupils in all the schools belongs to each grade :

GRADES.	1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.	Total.
Grammar.....	3.22	2.58	3.14	3.87	4.70	5.80	6.63	8.26	33.20
Primary.....	7.07	8.58	8.84	10.42	10.12	16.63	0.14	-----	61.80

In order to be graduated, a pupil must complete either the College course or the Non-College course of the First Grammar grade. According to the by-laws of the Board, the College course requires one year, and the Non-College two years, for its completion. Graduation from the schools does not depend upon admission to either of the colleges—the College of the City of New York and the Normal College.

The number of pupils graduated during the year was 3,925, divided as follows:

College Course—Males, 1,355; females, 1,680.

Non-College Course—Males, 685; females, 205.

The following table gives the average age of the pupils on register in the several grades, December 31, 1895 :

GRADES.	GRAMMAR.				PRIMARY.	
	MALES.		FEMALES.		BOTH SEXES.	
	Years.	Months.	Years.	Months.	Years.	Months.
1st	14	8	15	-----	10	8
2d	14	-----	14	1	10	-----
3d	13	6	13	8	9	4
4th	13	1	13	2	8	7
5th	12	8	12	8	7	9
6th	12	3	12	3	6	8
7th	12	-----	11	9	5	7
8th	11	2	11	2	-----	-----

The average ages of pupils pursuing the different courses in the First Grammar grade are given in the following table :

COURSES.	MALES.		FEMALES.	
	Years.	Months.	Years.	Months.
College	14	8	15	-----
Non-College, 1st year	14	6	14	11
“ “ 2d “	15	5	15	9

For convenience of reference, in connection with matters relating to the Compulsory Education Act, the 71,239 pupils on register in the Grammar grades, and the 115,412 pupils in the Primary grades are divided according to ages as shown in the following table:

AGES.	5-8.	8-12.	12-14.	14-16.	16-21.
Grammar Grades.....	4	25,665	30,583	13,353	1,634
Primary Grades.....	44,189	64,445	6,407	354	17
Totals.....	44,193	90,110	36,990	13,707	1,651

PROMOTIONS.

No change in the regulations governing promotions was made during the year. The promotions are made semi-annually. The number of pupils promoted from the First Primary grade to the Eighth Grammar grade was 22,067 or 23 per cent. of the number in average attendance in the Primary grades.

The accompanying table gives the average attendance of Primary Departments and Primary Schools, the number of pupils promoted to Grammar grades, and the percentage of the promotions based upon the average attendance :

WARD.	SCHOOL.	Average Attendance.	Number Promoted.	Per Cent.	WARD.	SCHOOL.	Average Attendance.	Number Promoted.	Per Cent.
1st	G. S. 29	261	66	21	11th	P. D. 71	742	168	23
	P. S. 15	139	28	20		P. D. 88	968	258	27
2d	P. S. 34	51	11	22		P. S. 5	626	132	21
4th	P. D. 1	414	89	21		P. S. 31	733	155	21
	P. S. 12	130	24	18	12th	P. D. 5	912	167	18
	P. S. 14	461	75	16		P. D. 10	980	204	22
5th	P. D. 44	335	85	25		P. D. 37	1,027	284	28
	P. S. 11	215	53	25		P. D. 39	846	185	22
6th	P. D. 23	689	85	12		P. D. 43	709	185	26
	P. S. 2	365	43	13		P. D. 46	970	224	23
	P. S. 8	614	88	13		G. S. 52	56	12	21
7th	P. D. 2	1,001	305	30		P. D. 54	1,295	331	26
	P. D. 12	803	178	22		P. D. 57	1,195	343	29
	P. D. 31	775	169	22		P. D. 68	1,085	348	32
	P. S. 36	954	170	18		P. D. 72	1,515	307	20
8th	P. D. 8	549	137	25		P. D. 78	958	258	27
	P. D. 38	723	174	24		P. D. 83	1,239	269	22
9th	P. D. 3	661	155	23		P. D. 86	1,074	243	23
	P. D. 16	403	87	22		P. D. 89	937	218	23
	P. D. 41	482	85	18		P. D. 93	933	269	29
	P. S. 7	635	134	21		P. S. 3	938	211	22
	P. S. 13	358	98	19		P. S. 9	946	211	22
	P. S. 24	661	164	25		P. S. 19	18		
10th	P. D. 7	2,069	382	18		P. S. 21	1,313	90	7
	P. D. 20	900	254	28		P. S. 23	42		
	P. D. 42	1,371	338	25		P. S. 28	474	36	8
	P. D. 75	1,091	206	19		P. S. 32	119	20	17
	P. S. 1	1,507	348	23		P. S. 42	636	148	23
11th	P. D. 15	753	174	23	13th	P. D. 4	817	219	27
	P. D. 22	1,040	276	27		P. D. 34	1,261	230	18
	P. D. 36	773	189	24		P. D. 92	732	217	30

WARD.	SCHOOL.	Average Attendance.	Number Promoted.	Per Cent.	WARD.	SCHOOL.	Average Attendance.	Number Promoted.	Per Cent.
13th..	P. S. 10	602	102	17	20th..	P. D. 26	445	96	22
	P. S. 20	655	124	19		P. D. 32	937	258	28
	P. S. 40	1,110	326	29		P. D. 33	1,046	282	27
14th..	P. D. 21	416	76	18		G. S. 48	476	94	20
	P. S. 6	528	72	14		P. S. 27	705	163	23
	P. S. 30	519	62	12	21st..	P. D. 14	1,033	249	24
15th..	P. D. 35	341	87	26		P. D. 49	824	204	25
	P. D. 47	205	50	24		P. S. 16	456	98	21
	P. S. 25	336	110	33	22d..	P. D. 9	304	66	22
16th..	P. D. 11	667	154	23		P. D. 17	1,119	297	27
	P. D. 45	398	114	29		P. D. 28	1,005	302	30
	P. D. 55	472	104	22		P. D. 51	988	187	19
	P. D. 56	620	156	25		P. D. 58	818	201	25
17th..	P. D. 13	1,274	278	22		P. D. 67	303	66	22
	P. D. 19	991	206	21		P. D. 69	544	162	30
	P. D. 25	1,353	256	19		P. D. 80	204	42	21
	P. D. 79	773	212	27		P. D. 84	1,046	230	22
	P. S. 22	339	71	21		P. D. 87	606	188	31
	P. S. 26	742	146	20		P. D. 94	762	181	24
18th..	P. D. 40	382	122	32		P. S. 41	1,277	325	25
	P. D. 50	486	142	29	23d..	P. D. 60	1,016	251	25
	P. S. 4	433	94	22		P. D. 61	715	143	20
	P. S. 29	249	53	21		P. D. 62	1,241	244	20
19th..	M. D. 6	383	83	22		P. D. 85	1,532	354	23
	F. D. 6	323	119	37		P. D. 90	1,102	264	24
	P. D. 18	584	141	24		G. S. 91	247	58	24
	P. D. 27	529	136	26		P. S. 33	120	---	---
	P. D. 53	969	254	26		P. S. 44	418	64	15
	P. D. 59	1,078	241	22	24th..	P. D. 63	367	85	23
	P. D. 70	1,222	222	18		G. S. 64	501	118	23
	P. D. 73	862	164	19		P. D. 65	275	54	20
	P. D. 74	1,066	202	19		G. S. 66	197	47	24
	P. D. 76	862	181	21		P. S. 18	76	14	18
	P. D. 77	1,339	369	28		P. S. 45	245	40	16
	P. D. 82	1,090	223	20		P. S. 46	74	17	23
	P. D. 96	892	163	12		P. S. 47	41	9	22
	P. S. 17	969	303	31		Total---	97,249	22,067	23
	P. S. 35	903	170	19					

On June 7th, nine schools were, by statute, added to the system through the annexation of part of Westchester County, but legal contests delayed their actual transfer till some months later. For this reason they have been omitted from the fore-

going table, no promotions having been made in them since their actual annexation.

In Primary Schools Nos. 18, 45 and 46 there are taught the fifth, sixth, seventh and eighth Grammar grades; in Primary Department No. 9, the sixth, seventh and eighth; in Primary School No. 25, the seventh and eighth; in Primary School No. 44, the eighth; in Primary School No. 39, the second, fourth and seventh, and in Primary School No. 48, the second and sixth. For these schools the table gives the average attendance of the Primary pupils only, and the percentage of promotions from the highest Primary to the lowest Grammar grade, based upon this average attendance.

TEACHERS.

During the year 1895 there were employed 4,989 regular teachers, including Principals. They were distributed as follows: Male Grammar Departments, 828; female Grammar Departments, 796; mixed Grammar Departments, 372; Primary Departments, 1,584; Primary Schools, 603; Evening Schools, 498; Corporate Schools, 305; Nautical School, 3.

Of the 4,183 regular teachers in the Grammar and Primary Departments and Schools, 319 were male and 3,864 were female. In addition to these regular teachers there were employed 129 special teachers, as follows: Drawing, 26; music, 18; German, 54; French, 11; sewing, 10; cooking, 4; physical exercise, 2; phonography, 4.

By a change in the by-laws a greater number of male teachers is now allowed in a Mixed Grammar Department.

LICENSES OF TEACHERS.

During the year 1895 there were granted 911 licenses, 131 to males and 780 to females. Of the females, 357 were graduates who completed the Normal College course in 1895. At the examination for teachers' licenses held at the City Superintendent's office, 742 candidates appeared—387 males and 355 females. Of this number 458 were rejected—251 males and 207 females.

The licenses granted were as follows: Grammar and Primary Schools, 179; Evening Schools, 58; Special Subjects, 47.

Of the 179 licenses to teach in the Grammar and Primary Schools, 84 were granted to males and 95 to females. Of the 95 licenses granted to females, 37 were Grammar grade licenses for teachers already in possession of Primary grade licenses.

Of the 47 licenses to teach special subjects, 30 were granted to teachers in the regular corps.

Of the licenses to teach special subjects, 1 was granted to a teacher of cooking in Evening Schools.

Nine teachers were specially licensed to teach phonography in Evening Schools.

There were 315 provisional licenses granted to teachers who had properly performed their probationary work: Grammar grade licenses, 160; Primary grade licenses, 155.

At the request of the Committee on Evening Schools, 24 applicants for appointment to fill vacancies in the Evening High Schools were examined as to their qualifications to teach the special subjects.

At the beginning of the year, the times for the regular examinations of candidates for teachers' licenses were changed to the months of March, June, September and December.

Toward the end of the year, the Board of Education adopted the following section governing the granting of licenses:

"Any candidate failing to receive seventy-five per cent. in Arithmetic, seventy-five per cent. in English Grammar and eighty per cent. in Spelling, shall not be permitted to continue the examination, and shall not be re-examined within six months; candidates failing to receive a general average of sixty per cent. in the various studies prescribed, shall not be re-examined within one year. Any candidate receiving an average between sixty and seventy-five per cent. shall not be re-examined within six months."

CONFERENCES WITH TEACHERS.

Regular conferences of the Principals and assistant teachers with the City Superintendent's Department were held, in con-

formity with the by-laws of the Board of Education. The Principals were assembled at the Hall of the Board, and the assistant teachers at seven school buildings selected for convenience of conference. At the conferences with the Principals, matters relating to school management were discussed, and at those with the assistant teachers various portions of the school work were considered.

The following were the subjects of conference in the several sections:

Grammar Grades 1-5.—Reading, Arithmetic; History and Civics; Physics and Oral Lessons.

Grammar Grades 6-8.—Reading, Arithmetic, Oral Lessons, Drawing.

Primary Grades 1-3.—Object Lessons, School Hygiene.

Primary Grades 4-6.—Numbers, Music.

The maximum of attendance required by the by-laws was 7,195; the actual attendance was 7,972—6,803 in conformity with notice and 1,169 as visitors.

Additional conferences with the special teachers of German and of the Kindergarten classes were also held.

COURSE OF STUDY.

The study of Phonography was introduced into the first year of the Non-College Course, First Grade.

SUPERVISORY DUTIES OF PRINCIPALS.

In the New York school system the Principal has, for many years, been a supervisory officer, for Principals have been freed from teaching a special class except in the case of very small schools. For the purpose of defining and emphasizing the supervisory duties of Principals, the Board of Education, after most careful deliberation, framed and adopted the following by-laws:

“1. Principals shall be the responsible pedagogic and adminis-

trative heads of their respective schools, and the subordinate teachers shall receive from them directions in all matters of discipline and instruction.

"2. They shall take all proper measures to have carried out in their several schools all requirements of the Board of Education, expressed in its by-laws, rules and regulations, or by resolutions adopted by the Board, and all instructions issued by the City Superintendent in pursuance thereof.

"3. They shall thoroughly inform themselves as to the competency and faithfulness of their subordinate teachers, by frequent visitation of all the classes and careful observation of the work done therein, and shall encourage and assist in their work all class teachers by their presence, advice and example. Substitutes, newly appointed teachers and all teachers when assigned to grades new to them shall receive special attention and assistance, which shall include class instruction by the Principal as often and as long as such aid may be needed.

"4. They shall keep such record of class visits, faults noted, directions or advice given, and assistance rendered, as shall show in case of inquiry, what opportunity and assistance every subordinate teacher has had to enable him or her to succeed as a teacher.

"5. It shall be their duty, from time to time, in their discretion, to call the teachers of their several departments, or any or either of them, together, for conference with them upon matters of administration, discipline and instruction, such conference to be held immediately after the close of the school session.

"6. They shall report to the City Superintendent any teacher who shall be found to be inefficient, incompetent to perform properly the work of instruction, or unable to maintain proper discipline.

"7. Violations of the provisions of this by-law, and neglect or failure to perform efficiently the duties enjoined therein, shall be reported to the Committee on Instruction by the City Superintendent. Said Committee shall make such investigation as it shall consider advisable, and shall report to the Board of Education its

recommendation as to the penalty, if any, that should be inflicted on the Principal found guilty of such violation of this by-law, or of neglect or failure to perform efficiently the duties thereby enjoined, provided, however, that no unfavorable report shall be made unless the Principal affected shall have been summoned before the Committee on Instruction to be heard.

"8. Nothing contained in sub-division 7 of this by-law shall be construed to limit the exercise of the statutory right of the City Superintendent to make complaint directly to the Board of Education, charging Principals or assistant teachers with neglect of duty or violation of law."

DISCIPLINE.

The general regulations governing matters of discipline remain the same as at the date of the last annual report.

Corporal punishment in every form is forbidden by law. When pupils are found to be beyond ordinary control they become subject to the provisions of the following by-law:

"Any pupil found to be incorrigible, or persistently disobedient to or regardless of the rules and regulations prescribed for the government of the school or class, or of resisting the authority of the Principal or Class Teacher, or who, by a reckless depravity, may injure or demoralize the school or class, may be suspended by the Principal from the school. It shall be the duty of the Principal of every school thus suspending a pupil to give immediate notice thereof to the parents or guardian of such pupil, and also to report the same to the City Superintendent and the Chairman of the Board of Trustees of the Ward.

"The parents or guardian of such pupil may, within ten days thereafter, appeal from the action of the Principal to the said Trustees, who shall thereupon investigate the matter and report their action to the City Superintendent.

"If no such appeal be taken or if such appeal be dismissed by the Trustees, it shall be the duty of the City Superintendent to notify the Principal of every other school for the same sex of the name of such suspended pupil, and he or she shall not be ad-

mitted into the same or any other school until satisfactory proof of amendment on the part of such pupil shall have been furnished to the City Superintendent, whose certificate of the removal of the disability shall entitle any suspended pupil to readmission in the same or any other school.

"The Trustees may require the transfer of any pupil suspended from one school to any other school under their management, if, in their judgment, they shall deem it beneficial or advantageous to such pupil."

SCHOOL ACCOMMODATIONS.

The number of additional sittings provided during the year was 17,041. This number represents the difference between the number of sittings in the buildings erected, enlarged or hired during the year and the number in buildings or rooms vacated. The annual report of the Superintendent of School Buildings will present a detailed Statement showing the location of the new buildings, additions, etc.

The rapid growth of the city and the changing conditions of the population create a problem of school accommodation most difficult of solution. For a number of years the steady development of business in certain localities, the demolition of dwellings, and the consequent transfer of the residents to other parts of the city, enabled the school authorities to judge with accuracy the probable necessity for the erection of additional school buildings. Of late years the varied immigration, combined with a decided tendency to "colonize" in special parts of the city, has led to the removal of old dwelling houses and the erection of large tenements intended to house many more persons. As a result, some of the lower Wards have shown an abnormal increase in the school population. Schools which but five years ago were fully adequate to the wants of the neighborhood have been filled to their utmost capacity and have refused many applicants for admission. In this connection it is important to note the fact that, although but thirty-five per cent. of the attendance is in the schools below Fourteenth Street, more than forty-seven per cent.

of the non-admissions through lack of room were found in those schools. The whole number of such non-admissions in the city during the year 1895 was 24,000, of which more than 11,000 were in the down-town Wards; 2,239 were in the Seventh Ward, 4,473 in the Tenth, 1,595 in the Eleventh, and 2,263 in the Thirteenth. In these four Wards the average attendance of the schools for 1895 showed an increase of twenty-four per cent. over the average attendance for the year 1890. The growth of the Twelfth, Nineteenth, Twenty-second and Twenty-third Wards also has been very great and calls for the erection of several school buildings.

It is to be hoped that the Legislature of 1896 will authorize such measures as will give the school accommodations that are needed for immediate use, and will, at the same time, provide for future demands for admission.

LANGUAGE LESSONS.

Grammar Grades.—The condition of the English branches can scarcely be said to have changed in any particular as regards classroom work. They are taught in accordance with accepted methods, with no less degree of efficiency than in former years, and with just as satisfactory results.

Of all the various subdivisions of this subject, reading is in the least satisfactory condition. The causes of this have been pointed out in previous annual reports, the principal one being the pressure of other subjects.

Where a truly excellent condition does exist, it is in the case of some teacher of exceptional natural force, or where careful preparation and study of the subject from day to day have given to a teacher an acquired power.

Much that is incidental to the regular work is being done in general reading, *i. e.*, reading outside the school walls and outside the school text-books. One of the great objects of the education of youth is to get the pupil into a condition where he is able and desirous to educate himself, to give and confirm to him not only the power, but the inclination, to continue in the way

of self-culture after he leaves the school. It is only by the acquisition of proper habits of study and reading, both as to manner and as to matter, that this is to be accomplished.

Many teachers, by their kindly interest and the acceptance of a duty which, under other circumstances than those existing in a city like ours, would more properly belong to the parent, are showing their pupils how much there is to delight and instruct them in good books. The pupils respond with enthusiasm, and it may safely be said that there is scarcely a library in the city that has not felt the demand occasioned by these efforts. The one way in which to fight successfully the malignant fascination that vicious literature has for young people, is to place in their hands an equally attractive substitute of a healthful nature. It can never be done by preaching. This work cannot be too greatly encouraged, and every aid should be given to further it; for the children are reading under guidance, and the natural result will be to know and select what is good, and to recognize what is bad and to reject it; to read with good judgment and discrimination.

As yet the effect of the books recently purchased with the money of the Library Fund has hardly begun to be felt. In many of the smaller schools only reference books and books especially helpful in the teacher's profession have been purchased, the allowance of money being insufficient to permit the purchase of a good supply of other kinds; excellent works of general literature placed upon the list have scarcely been touched. It cannot be long, however, before these books will be in demand and their influence will begin to be effective.

With regard to the establishment of reference libraries, it was certainly a wise provision to permit but one in each building. As to the books of general literature, in order to get the greatest benefit from those which are to find their way into the hands of the children, it would be better to have a smaller library in each department when desired; each Principal should be permitted to select, and should be responsible for, the kind of books used in the department. The volumes would receive more direct care; their distribution and collection would be greatly facili-

tated; statistics concerning them could be more readily kept; and there could be no excuse for not making free and proper use of them.

Commendable work in composition has been noted in many schools. The treatment of this branch of instruction has received much consideration. It is by means of the composition that a permanent record of the thoughts and experiences of the children, from week to week, is made. Their advancement in ability to express themselves clearly and correctly can be best noted in this work; at the same time, the work stands as evidence of the teacher's endeavor to eliminate the many errors into which children are liable to fall.

The results of instruction in various subjects are often noted in the compositions, and, on broader lines, it may be said that the culture of the school is fairly represented in the matter and the expression, and the composition work is often the best evidence of the soundness of instruction; hence the importance of careful and conscientious effort on the part of the teacher, and sympathetic and intelligent assistance and direction by the principal.

Letter writing forms part of this instruction. One original composition or letter each week represents the work of each pupil. Those corrected by the teacher—errors being indicated wherever possible—are made the basis of a language lesson in class, introducing instruction in grammatical and literary structure, suitable to the grade, as well as in spelling, punctuation, and the use of capitals. Properly conducted, this will materially aid the instruction required in technical grammar. Pupils whose work has been thus criticized make correct copies of the same. The others are required to rewrite theirs, the original drafts being withheld, they receiving instructions to keep in mind what was learned in the exercise noted above. The following week another set is gone over in the same way, and every pupil thus receives frequent attention from the teacher. The best results have been noticed when the final drafts were completed within the week. Pupils are liable to lose interest in compositions whose final drafts are made three weeks after the original copies were written.

Some teachers do not appreciate the fact that during the time pupils are required to put their thoughts on paper, there should be perfect quietude. It is clear that any interruption will interfere with the expression of continuous thought, and it is often the cause of the many crudities observed in the productions. *In these exercises the children are asked to write what they know, and they should be allowed to do so without any interference.* Hence, the teacher and the pupils themselves should maintain perfect silence during such times. At the close of the exercise in composition, pupils should be given some time to look over what they have written, to correct any errors they may notice.

Primary Grades.—This part of the subject was discussed carefully and at considerable length in the report of last year, making it less necessary to go into much detail at this time. The results during the year 1895 would seem to indicate that the suggestions then made have been “read, marked, learned and inwardly digested” by many of the teachers in the Primary Schools and Departments.

There is one temptation which some teachers give way to when dictating to classes, either in the written spelling exercise, or in the regular dictation exercise, and that is, a tendency to “over-enunciate” the words dictated. This is as unadvisable as the other extreme, a slovenly enunciation; for the children never hear words uttered with this excessive or exaggerated precision elsewhere, and, consequently, they are rendered unable to write successfully from any other kind of dictation. Clear, distinct, but *natural* enunciation should be the teacher’s habit, and that, not during dictation exercises only, but at all times, nor should the voice ever be raised more than enough to carry to the limits of the room.

In connection with the subject of dictation it will not be amiss to repeat a few sentences from last year’s report: “The sound of many of the short and familiar words of the language is no index to the spelling, and the laws of emphasis require that connectives and some other words be pronounced with moderated force. When words are not heard distinctly, pupils fall into the habit of running several into one. To guard against this, it is

recommended that the language of the class-room be used as material for dictation exercises in the higher grades. Sentences that have been worn smooth by usage will thus lay bare defects in the language of individual pupils, and the exercise will assist in bringing their faculty of expression into harmony with their power of thought."

There is gratifying improvement in the quality as well as in the quantity of the work in letter-writing. This is, perhaps, the most valuable exercise among those classed under the general head, composition; for, more than any other, it calls for the translation of the pupil's own thought and imagination into language, and gives him an opportunity to say what he has on his mind in his own words, without thinking so much of the exact *form* of his statement, as he is sure to do when trying to reproduce a statement made by the teacher or a passage taken from a book. This gives the teacher the most hopeful material on which to work by way of correction. The reference to this part of the subject in last year's report is worthy of being re-read by all teachers of Primary grades.

Much commendable work has been done in the conduct of the object lessons, but two errors of procedure still find place in some classes. The teacher directs attention of the pupil or pupils to some part or quality of the object under consideration, then to another part or quality, and so on; by so doing the teacher does not lead the child to observation and discovery but virtually prohibits it from these processes. An almost general result of this error is another of equal seriousness—an undue amount of questioning by the teacher and a consequent suppression of full expression of thought by the child. It is but fair to say that these errors are far less prevalent than formerly.

ARITHMETIC.

In general, the arithmetic is found to be in a satisfactory condition, yet there is room for improvement in methods pursued by some of the teachers, especially with reference to economy of time.

Within the past few years educational conventions and special

committees of the same have given much consideration to the subject of arithmetic, more especially with reference to the essential requirements in this study for grades below the high school. The great amount of time devoted to arithmetic has caused a natural, and somewhat general feeling that some of this time could be assigned to other studies and exercises without detriment to the instruction in arithmetic but with decided benefit to those subjects to which more time should be allotted.

Years ago, our own school system set an example in lessening the arithmetical work, as could be shown from a comparison of the requirements set forth in the courses of study, and, more specifically, in the manuals of suggestions to the teachers. While much good has been accomplished by omitting obsolete or comparatively useless matters and by adopting simpler methods, still further improvement can be made in some of the classes by unifying instruction. In such classes the teacher follows the order of topics given in some text book or in some schedule prepared by the Principal. In text-books the different parts of the subject are discussed in succession, yet the best method of teaching would be to combine some of these parts in a single discussion, for the purpose of showing their natural relation or interdependence. Inasmuch as so great a proportion of the teaching of the arithmetic is, or should be, done without the aid of the text book, every opportunity can be afforded to the teacher to economize time and effort by ignoring, as far as practicable, the divisions and subdivisions usually made.

Practice in rapid calculation is strictly enjoined by the by-laws and progress has been made in quick combination of numbers and in directness of process.

There has been an advance in the rational development of the tables of measure, but a greater advance would be made if each department or school could be supplied with complete sets of the necessary measures. In some departments, especially those pursuing the manual-training course of study, measures of proper capacity have been made by the pupils, and they answer the purpose quite as well as those made in usual shapes by regular makers.

It is worthy of remark here, that among the candidates for teachers' licenses who have been examined at the office of the City Superintendent are to be found a large proportion who have not a very clear knowledge of what may properly be termed the fundamental measures in the several tables.

GEOGRAPHY.

The instruction in geography was generally satisfactory and, in fact, was highly creditable in many classes, but it has been found necessary to note a defect in several classes, especially of the lower Grammar grades. In such grades the use of the text-book is prohibited, and the instruction prescribed is to be given orally with the use of globes and outline maps, yet in some cases it was found that teachers made use of so-called supplementary reading in such manner as to make it serve, in effect, for text-book study.

In some classes the explanations of the motions of the earth and the changes of seasons should have been made more definite. In higher grades, an occasional repetition of the explanations by pupils would do much to fix this interesting subject most firmly in their minds.

HISTORY OF THE UNITED STATES.

In many of the schools visited, the methods employed and the results attained were found worthy of high commendation.

Specific directions for the teaching of the subject have been given in the reports of the last few years, and there appears to be no need of repeating those suggestions at the present time.

WRITING.

Much interest has been manifested in this subject during the past year. In a few schools vertical writing has been introduced. The course of study does not prescribe any particular slant, and, although most excellent results have been attained under the old and recognized slant, those who have adopted the vertical system claim that even better results will follow its introduction. There are many forms in some of the systems of vertical writing which

do not bear any resemblance to forms with which pupils are familiar, and, consequently, great care should be exercised in presenting this subject.

The limited experience has not given sufficient opportunity to judge as to the merit or success of vertical writing. It should be remembered that wherever this method is adopted an indifferent up and down style should not be tolerated nor presented as vertical writing; also, that without careful instruction and close supervision no system can meet with success.

In very many schools there has been an attempt to extend the work in writing in all grades so as to embrace its many and extensive applications—for example, the writing of model business and social forms, supplementary to work of mere copying of headlines in copy-books. There is no reason why this practice should not be more general throughout the grammar grades, for it is in accordance with what was stated in a former report; which says that “the copy book is only a means to an end, and should be discarded as soon as it appears to have accomplished its purpose.”

In the upper grades, where bookkeeping, business forms and compositions form such prominent features in the class work, skill and elegance in writing should be strongly insisted upon.

In the Primary grades, the results in many cases are such as to justify the recommendation that the time devoted to mere copy-book writing in Grammar grades be greatly diminished, and that the time saved be given to more extensive applications of writing itself.

In connection with this subject a more thorough appreciation of the importance of the physical side of the child's education has been noted. The importance of greater freedom of movement has been generally recognized and the tendency to draw the letters has been lessened to a very great extent.

In several schools vertical writing has been introduced in the Sixth and Fifth grades, the attention being to carry it up through the department gradually and thus not to interfere with the results attained by the instruction given in slant writing for one or more years.

DRAWING.

The general condition of the work in drawing, in a majority of the schools visited during the year, may be classed as satisfactory, yet in some instances, the time assigned to the subject has been inadequate and the results have, in consequence, been found defective.

In order to conform to the requirements of the course in drawing—freehand and mechanical—at least one hundred minutes per week are needed in all Grammar grades, with the exception of the First and Second.

Freehand.—Every effort should be made by teachers to do the work without the use of unnecessary construction lines. In the drawing of outlines, whether of special forms, of objects, or of maps, the best results have been achieved by training pupils to observe repeatedly and carefully, and to practice freely upon slates or manila paper before attempting what may be termed a finished drawing. In this way, an opportunity is afforded pupils to criticise even their own attempts and to make such changes as they can perceive are in the line of improving their work. Again, the repetition of each form a number of times on paper serves to impress the same upon the memory, thus rendering it available for such employment in designs as occasion may thereafter require.

Ability to sketch forms rapidly without the use of construction lines or exact measurements, may fairly be regarded as a test of progress.

Mechanical.—The solutions of the problems in drawing allotted to each grade have generally received careful attention; and the results are very satisfactory. Pupils have been required to state problems, show methods of solution, and offer satisfactory tests of correctness. The practical applications of the grade problems have not as yet received the attention which is their due. In numerous instances, this omission of very important and interesting work has been caused by lack of time. It is to be hoped that principals will give this matter their attention so that in future no part of the drawing may be slighted.

GEOMETRY.

The new course in geometry is now in full operation, the first pupils to finish their second year of instructions having graduated in last June. This subject is studied by those pupils who do not intend to enter either of the colleges. Results are generally satisfactory.

MUSIC.

The statement needs only to be made to be accepted as almost axiomatic, that the teaching of vocal music does not differ from the teaching of any other branch of instruction in this, at least, that it is governed by the same pedagogical principles. In this, as in all other subjects, the pupils must be led from the known to the unknown; the learner must have the *object* presented to him before it is worth while to give it a name, either spoken or written. But there is this great difference between the teaching of this subject and all others, that the several objects that are to be presented before being represented, can be brought to the knowledge of the pupil only through the sense of hearing. This difference it is that makes it hard for the teacher who has not had a careful preparation for teaching this special branch, to apply to it the principles and methods utilized in all lines of instruction.

It has been the object of the conferences held during the past year with the teachers of the lower Primary grades, to outline the plan for making the instruction in music follow lines similar to those taken by the wisest teaching of other subjects. The necessity for a logical order in the development of the several steps leading to a knowledge of music has been shown, and illustrations of methods of teaching particular topics have been given.

Principals and teachers alike have responded to the suggestions offered, and in many Primary classes it has already been proved that the suggestion made in the report of last year regarding the use of various keys, even in the lower Primary grades, can be carried out, not only without additional work, but with less labor for the teacher, and with added interest on the part of the

pupils. Not only this, but two-part singing at sight is found to be not only not impossible, but actually fascinating to the children.

In many schools commendable progress has been made in the cultivation of that part of the child-voice which should be most used in singing—the upper part, sometimes called the head-voice. The cultivation of this quality of the voice will do away with that injurious straining of the voices of the children which has done so much damage in time past.

There has been also improvement in many schools in the matter of expression, especially in the chorus work at the assembly.

The addition of a considerable selection of music in small sheet form which is usable as “supplementary reading,” as well as to supply new songs for special occasions, will be appreciated by the teachers.

GERMAN AND FRENCH.

The number of pupils pursuing the study of German and French in the several grades, on December 31, 1895, was as follows:

GRADES....	1	2	3	4	5	TOTAL.
German	3,898	3,437	4,286	5,242	6,555	23,418
French	635	440	510	683	806	3,074

New impetus has been given to the study of German by the monthly conferences with the teachers of the language, instituted towards the close of the year. As a result the work is more uniform and systematic. In order to insure to some degree this uniformity, a list of words has been prepared for use in the Fifth grade. This list forms the basis of instruction and represents the minimum number of words required to be taught.

Latin script has been substituted for the German script in the Fifth grade. In the classes in which this was tried experimentally during the past year, the results were very satisfactory. Contrary to the expectations of some, the children read more fluently and with clearer understanding than was formerly the

case; the Latin script did not confuse nor lead to the mispronunciation of German letters.

Owing to the illness and prolonged absence from duty of one of the Assistant Superintendents and the consequent necessity for assigning the one who supervises the instruction in French to the duties of the former, it has not been possible to have all the schools in which that language is taught visited during the year. The majority of them were, however, carefully examined once each, and in almost every case the work done was satisfactory.

PHYSICAL EXERCISE.

There has been no diminution of interest in this feature of the education of our children. As was stated in a preceding report, there are few schools in which systematic work is not done. Whether a complete and uniform system, suitable to the varying conditions existing in our schools can be devised, seems questionable. Much in this respect should be left to the individual work of principals and teachers. The by-laws require attention to physical exercise, and the policy of regulating every movement in a school in this respect is not likely to be followed by the best results. It is believed, however, that certain well defined and advantageous movements can be had in every class.

The magnificent military exhibition of last Decoration Day, when every Male Grammar School, except two, was represented in the parade on that occasion, bears witness to the physical condition of the boys in our schools. This was mainly due to the system of physical exercise in vogue, which is, as a rule, a modification of the setting-up exercises from "The School of The Soldier" in the Drill Regulations of the United States Army.

MANUAL-TRAINING SCHOOLS.

During the year the Manual-training Course of Study was established in two more schools: in Grammar School No. 5, containing a Male Department, a Female Department, and a Mixed Primary Department, and in Grammar School No. 85, containing a Mixed Grammar Department and a Mixed Primary. This course is now pursued in eighteen Grammar Departments (seven

for males, eight for females, and three for both sexes), and twenty-five Primary Departments and Schools; in one of the Primary Schools the lowest two Grammar grades are taught.

Of the 186,651 pupils on register in the Grammar and Primary Schools, 28,321 were taught in the 43 Manual Training Schools and Departments.

The following table shows the number of pupils in the several grades :

GRAMMAR GRADES.									
	1	2	3	4	5	6	7	8	TOTAL.
Males	475	377	448	525	704	834	952	1,230	5,545
Females	532	424	498	613	685	884	963	1,332	5,931

PRIMARY GRADES.								
	1	2	3	4	5	6	7	TOTAL.
Males	935	1,175	1,181	1,334	1,360	2,295	44	8,314
Females	990	1,159	1,169	1,490	1,314	2,347	62	8,531

With the beginning of the year 1896 there will be ten departments pursuing the course in shop-work. The pupils in the Grammar Grades, from the First to the Fifth inclusive, devote at least two hours per week to it. They are instructed by teachers who are of the regular corps but who have special licenses as instructors in shop-work, following the course of study adopted when the first manual-training school was established in 1888. The character of the instruction has been satisfactory. The teachers have shown themselves zealous and progressive.

In carrying out the details of the course, there have been some variations, but the essential outlines, for the most part, have been found satisfactory, and have been diligently followed. Uniformity in details is not always desirable. The opportunity for the instructor to exercise some originality and individuality will naturally prevent stagnation, and enable us to make beneficial progress towards determining and securing what is purely educational and eliminating what is only mechanical.

It may become advisable, after a close consideration of the experience of the past eight years, to make some changes in the

course of work. Nothing radical will be necessary, but only some few rearrangements, extensions and curtailments. A more perfect correlation of this branch with the subject of drawing should also be attempted.

Clay-modeling is done in all the Manual-training Departments. In the Primary grades it is used as a mode of expressing conceptions of form derived from observing and handling the geometrical types. In the higher Primary grades a slight departure is made from this, in the construction of art forms and industrial forms whose shapes are based upon or resemble the types studied. In the Grammar grades, the latter work is continued and extended to include modeling of objects from nature. In these grades, too, it has a practical aspect in the making of relief maps to aid in the study of geography.

The character of the work done varies greatly, depending upon the sympathy with which the subject is regarded by Principals, the estimation of its educational value as possessed by individual teachers, and the natural aptitude of the different pupils. This work is also affected by the conditions under which it is done. As long as it is performed in the classrooms, there will always be more or less objection to it. Where there is a modeling room, the opportunities are increased and the subject is regarded with more favor. Such a room removes many of the objections urged against the work, and, when practicable, each school in which clay is used should be provided with a room arranged especially for that purpose. If some other clearly plastic material could be obtained, it would be of great advantage; it would render the use of a modeling room quite unnecessary.

SEWING.

The instruction in sewing is given in all the Female Departments of Manual-training Schools, and to the girls in the First, Second, and Third Primary grades in all Primary Departments and Schools. The minimum time to be devoted to this subject is one hour per week. The value of the instruction in sewing is readily apparent and the work done is generally commendable.

There have been found a few instances in which there seemed to be a tendency to curtail the time to be devoted to this instruction. Curtailing the time of the exercise and placing it at a period of the week which might engender a dislike for the instruction, are not in consonance with the spirit and intention of the course of study.

COOKING.

A careful supervision of the instruction in cooking, shows thorough and appreciative work. In a few cases the results have been attained under difficulties. It should be borne in mind that the appliances necessary for this work have been in use for some time, and in several schools they need to be renewed. The course embraces instruction in chemistry of foods, and this has received its proper share of attention. The practical work is so arranged that each pupil shares in the actual process of cooking the materials selected under the direct and close supervision of the teacher. Pupils often bring articles cooked by them at home, and the results of the instruction are thus readily seen by the teachers.

There should be in each school where this subject is taught, a collection of charts, showing the various cuts of meats, and samples of the various kinds of food products.

KINDERGARTEN INSTRUCTION.

At the close of the year 1894, there were in existence seven kindergarten classes with a registration of 191 pupils; at the close of the year 1895, there were ten classes with a registration of 268. The increased appropriation for the year 1896 will permit the formation of an additional number of classes, several Boards of Trustees having made application for the same.

In the plans for new buildings provision is made for proper kindergarten accommodations, and by this means this very valuable instruction will be made far more general than it is at the present time.

• EVENING SCHOOLS.

During the year 1895, another Junior Evening School for Males was added to the list—No. 95, in the Twelfth Ward. The reports of the Principals of the Evening Schools show that the whole number registered during the term 1894–1895 was 25,922, and the average nightly attendance was 9,099. The number attending the full term was 6,629, and the number attending less than one month, 8,863. The average attendance of foreigners studying English was 3,476. The percentage of attendance in the several kinds of schools, based upon the whole number of pupils registered, was as follows: Male Senior, 29 per cent.; Male Junior, 29 per cent.; Female Senior, 44 per cent.; Female Junior, 48 per cent.; Mixed, 34 per cent. The average attendance for all the classes of schools was 35 per cent. of the registration.

Appended will be found a table of statistics relating to the Evening Schools.

EVENING SCHOOL STATISTICS, 1894-5.

	Male Senior.	Female Senior.	Male Junior.	Female Junior.	Mixed.	Total.
Whole number of pupils on Register	6,524	3,326	9,589	5,666	817	25,922
Number over 13 and under 16			2,920	2,731	222	5,863
Number over 16 and under 18	2,690	1,595	2,138	1,810	242	8,475
Number over 18 and under 21	1,470	974	1,554	764	170	4,932
Number over 21	2,464	757	2,977	371	183	6,752
Largest number in attendance at any one time	3,176	1,960	4,286	3,617	441	13,490
Average attendance for the term	1,869	1,463	2,783	2,706	278	9,099
Number that attended less than one month	2,036	1,063	4,103	1,356	305	8,863
Number that attended full term	1,316	1,142	1,572	2,408	191	6,629
Number who have received certificates this term	869	739	1,609	1,585	196	4,938
Number admitted that could not read	54	122	1,688	690	2	2,556
Number admitted that could not write	90	106	1,576	664	2	2,438
Number admitted that had previously attended Grammar Schools	1,410	1,485	2,505	2,195	478	8,078
Number admitted that had previously attended Primary Schools	203	443	639	1,089	55	2,434
Number of pupils suspended or discharged for misconduct	3	1	13			17
Number of German pupils studying English	1,205	446	2,528	1,198	124	5,501
Number of other foreign pupils studying English	764	651	3,137	807	60	5,419
Average attendance of foreigners studying English	601	347	1,565	915	48	3,476
Number of pupils studying Reading	1,230	978				2,208
Number of pupils studying Arithmetic	2,004	836				2,840
Number of pupils studying Composition	243	627				870
Number of pupils studying Penmanship	1,925	860				2,785
Number of pupils studying Book-keeping	709	661				1,370
Number of pupils studying Drawing	419	196			34	649
Number of pupils studying Photography	217	672			26	915
Number of pupils studying German	77					77
Number of pupils studying Sewing		66				66
Number of pupils studying Cooking		30				30

EVENING HIGH SCHOOLS.

Up to the year 1894 the Evening High Schools had been under the special care of the Committee on Evening Schools, without other supervision. Shortly after the commencement of the Evening School term of 1894-1895, the Board of Education directed that the City Superintendent's Department should visit and examine into the work of these schools in connection with their visitation of the ordinary Evening Schools. The assigned duty was efficiently performed, and as a result of the information obtained the City Superintendent recommended sundry changes in the regulations. The by laws were so amended as to raise the standard of scholarship and otherwise to promote efficiency.

From the reports of the Principals of the four Evening High Schools it appears that the whole number of pupils registered during the term was 6,973, and that the average attendance was 2,571; also, that there were awarded at the end of the term 1,379 certificates of proficiency during the term, and 162 diplomas awarded for proficiency during three terms.

An evening is divided into two sessions of an hour each. A pupil may elect to study any two of the subjects taught, but some pupils study only one subject; consequently the register for the two hours will not always be the same. In order to make clear the actual condition of the registration and attendance in the separate subjects, the statistics in the following table are given by hourly sessions instead of evenings:

*Registration and Attendance in Evening High Schools,
1894-1895.*

SUBJECTS.	Registration.		Average Attendance	
	1st hour.	2d hour.	1st hour.	2d hour.
English Grammar and Composition	452	554	120	168
Reading, Declamation and Rhetoric	258	306	92	93
Penmanship	511	619	148	159
Book-keeping	929	997	352	408
Arithmetic	1,257	1,117	409	409
Algebra, Geometry and Trigonometry	161	184	74	88
Chemistry	76	156	31	52
Anatomy and Physiology	103	63	47	22
American History and Political Science	110	172	46	69
Drawing, Architectural and Mechanical	391	320	123	104
Drawing, Free-hand	287	289	78	86
Latin	193	78	76	29
Phonography	627	368	196	151
French	304	203	97	58
German	348	399	147	128
Spanish	167	173	56	51

RETIREMENT OF TEACHERS.

From other cities there have come many applications for information as to "pensions of teachers." I deem it advisable to include in my report, as a matter of general interest, the law creating a "retirement fund" for teachers of our system :

SECTION 1. Section ten hundred and twenty-eight of chapter four hundred and ten of the Laws of eighteen hundred and eighty-two, entitled "An Act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," is hereby amended by adding thereto the following subdivision, to be known as subdivision seven of said section :

7. The Board of Education of the City of New York is hereby given the general care and management of the public school teachers' retirement fund created by this act.

The Comptroller of the City of New York shall hold all money belonging to said fund, and by the direction of the said Board of Education shall invest and pay out the same.

The Board of Education shall have charge of and administer said public school teachers' retirement fund as it shall deem most beneficial to said fund, and is empowered to make all necessary contracts and take all necessary and proper action and proceedings in the premises, and to make payments from said fund of annuities granted in pursuance of this act; and shall from time to time establish such rules and regulations for the administration of said fund as it may deem best. And the Comptroller of the City of New York shall report in detail to the Board of Aldermen of the City of New York, annually, in the month of January, the condition of said fund, and the items of the receipts and disbursements on account of the same.

The public school teachers' retirement fund herein provided for shall consist of the following, with the interest and income thereof :

(1.) All money, pay, compensation or salary, or any part thereof, forfeited, deducted, or withheld from any teacher or teachers for and on account of absence from duty for any cause.

The Clerk of the Board of Education shall certify monthly to the Comptroller the amounts so deducted from the salaries of teachers during the preceding month.

(2.) All moneys received from donations, legacies, gifts, bequests or otherwise, for and on account of said fund.

(3.) All such other methods of increment as may be duly and legally devised for the increase of said fund.

On and after the passage of this act the Board of Education shall, by amending its by-laws relating to the excuse of absence of teachers with pay, so provide that the aggregate of the several sums deducted or forfeited on account of absence from duty shall be fully adequate to meet the demand made upon the public school teachers' retirement fund, for the payment of annuities as herein provided.

Said Board of Education shall have power, by a two-thirds vote of all its members, and after a recommendation to that effect shall have been made by the City Superintendent of Schools, stating that the teacher is mentally or physically incapacitated for the performance of duty, to retire any female teacher of the Grammar and Primary schools, including special teachers in the same, who shall have taught therein during a period aggregating thirty years, and to retire any male teacher of said school who shall have taught therein during a period aggregating thirty-five years.

Any teacher so retired shall thereafter be entitled to receive as an annuity one-half the annual salary paid to said teacher at the date of said retirement, not to exceed, however, in any case, the sum of \$1,000 per annum.

The Board of Education is hereby given the power to use both the principal and the income on said fund, and to manage, accumulate and otherwise control the same as said Board shall provide by its by-laws, and to pay the annuities hereinbefore mentioned, and shall have power from time to time to reduce the amount of annuities of all beneficiaries of said fund, provided only that such reduction shall be at the same rate per centum.

SEC. 2. All acts and parts of acts inconsistent with this act are hereby repealed.

SEC. 3. This act shall take effect immediately.

Under the provisions of this law the Board of Education retired thirty-six Principals and assistant teachers during the year 1895.

CORPORATE SCHOOLS.

The following Corporate Schools participate in the School Fund, and are, therefore, under the general supervision of the Board of Education:

The Protestant Half-Orphan Asylum, Leake and Watts Asylum, Colored Orphan Asylum, Hebrew Orphan Asylum, Ladies' Home Mission, Five Points House of Industry, New York Juvenile Asylum, Roman Catholic Orphan Asylums, New York Society for the Relief of the Ruptured and Crippled, Nursery and Child's Hospital and its branch on Staten Island, Association for Befriending Children and Young Girls, House of Refuge, Children's Aid Society Schools, and American Female Guardian Society Schools.

In the twelve institutions first named in the list, and the schools connected with them, there was a total enrollment of 7,317 pupils, instructed by 94 teachers, the average daily attendance of the pupils being 4,547.

In the twenty-one schools of the Children's Aid Society there was a total enrollment of 13,724, the number of teachers being 154, and the average daily attendance of pupils 6,329.

In the eleven schools of the American Female Guardian Society the total enrollment of pupils was 6,613, the number of teachers being 57, the average daily attendance of pupils was 2,441.

The instruction and the discipline in the schools of the institutions and societies were, as a rule, quite satisfactory, and the State law prohibiting sectarian instruction and the use of sectarian text-books appeared to have been complied with.

RECOMMENDATIONS.

I am very glad to report that the Board of Education has put into operation, either wholly or in part, a number of the recom-

mendations made or renewed in the last annual report. I desire to renew at this time the following recommendations, which I consider to be of special importance :

1. When pupils have completed the highest Primary grade, their fitness for promotion to the Grammar Departments or Schools should be determined by the Principals of the schools from which promotions are to be made, and I would recommend, therefore, that the by-laws of the Board be amended accordingly. This change in the law would be eminently proper from two points of view, viz :

In the first place, the proposed plan of determining the fitness for promotion is in perfect agreement with the plan for promotion from grade to grade within a department.

Secondly, it will prevent what may properly be called competitive examinations for admission to Grammar Departments or Schools which happen to have accommodations for only a portion of the pupils who are actually qualified for promotion from the Primary to the Grammar grades. It is but natural that the standard of examination in such a school should be made so high as to admit none but the very strongest, and it follows that well qualified pupils living near the school would be excluded, while others living at a distance would be admitted.

2. Semi annual graduation from the Grammar schools.

Every grade but the First Grammar is completed in a half year, from which fact it must be evident that at the end of each half-year pupils are ready for promotion into the First Grammar grade ; it must be equally evident that a class of pupils admitted to the first grade a half-year before the succeeding class should complete their course a half year before the latter.

The fact that the two colleges admit candidates but once a year, need not and should not interfere with semi-annual graduations. Pupils completing their course and graduating in the middle of the school year, should remain a half year longer in case they desire a further preparation for entrance to the colleges ; those not desiring to continue in school could leave at once, and thus they would afford more room for admission of pupils to the schools.

3. A few years ago the by-laws of the Board were amended so as to prohibit the further appointment of special teachers of music and drawing, yet the language of the by-law seemed to permit the assignment of one of the regular teachers in a school to perform the duty usually performed by the special teacher. In conformity with this view, permission has been granted to several Boards of Trustees to make such assignments of regular teachers at the extra compensation fixed by the by-laws, sixty dollars per annum. Believing that the reasons given for the original amendment apply with equal force to the employment of regular teachers in the performance of similar duties, I would recommend that the further assignment of regular teachers as special teachers of music and drawing be prohibited, and that all such assignments already made shall terminate December 31, 1896.

4. With reference to the special teachers of drawing now in the schools, I would recommend that the entire time for which they are employed be spent in the teaching of the free-hand drawing in the upper grades of the several schools, to the end that the responsibility for the instruction in this subject, in such grades, shall not be divided between the special teacher and the class teacher.

5. In all schools the services of one of the regular teachers are required to conduct the musical exercises at the opening of the school each morning and on special occasions during the year. The service rendered by such a teacher is valuable and should receive proper compensation. I would recommend that provision be made for the employment of such a teacher in each department and school, but no teacher should be so employed unless in possession of a special license granted by the City Superintendent for this purpose.

6. In the Twenty-third and Twenty-fourth Wards and in the upper part of the Twelfth Ward there are school sites which can be obtained for a reasonable price and which should be secured now and held for future needs. These portions of the city are increasing rapidly in population.

7. In the erection and arrangement of new buildings the following points should be attended to:

(a.) The first (ground) floor should be arranged with sliding doors, so that the whole space can be thrown into one room, in which calisthenics and other physical exercise can be given to a large body of pupils at the same time. This arrangement would prove useful also in giving ample accommodation for the evening lectures to workingmen and workingwomen.

(b.) The upper (attic) story should be fitted up with a gymnasium and with the plant for manual-training instruction.

(c.) A room should be arranged for kindergarten instruction.

(d.) Special accommodation for the school library should be provided.

(e.) Wardrobe accommodations should be ample, and they should be near, but not in, the classroom.

(f.) Each pupil should have an individual seat and desk, the seat and desk to be adjustable, and not more than sixty seats should be placed in any classroom.

(g.) No rooms should be set apart for the Janitor's family. Accommodations for them should be secured in a neighboring building.

As far as possible, these recommendations should be applied to all additions to, and re-arrangements and improvements in the present school buildings.

(h.) In all cases where the light and ventilation of a school are interfered with by adjacent buildings, sufficient land should be purchased to make an open space.

COMPULSORY EDUCATION.

During the year the Board of Education added to the number of "attendance officers" employed for the enforcement of the Compulsory Education Act, and, also, it took measures looking to the providing and equipping of a "truant school."

Much of the time of the attendance officers was employed in work connected with the "biennial school census," which was taken for the first time in 1895, yet they found time to make 62,485 visits to homes, schools, stores, factories, etc.

As a result of their labors, 16,603 cases were investigated and closed. They returned to school 3,655 truants and placed in school 1,728 non attendants. Nine truants and non-attendants were committed to reformatory institutions by parents through attendance officers.

Tables of statistics attached to this report give a detailed record of the work of the Truancy Department.

Very respectfully,

JOHN JASPER,

City Superintendent.

The following Table, obtained from the Records of the Police Department, shows the number of children between eight and fourteen years of age arrested for five years preceding the enactment of the law, and for the last five years, together with the cause of arrest :

CAUSE OF ARREST.	1870.	1871.	1872.	1873.	1874.	Total.
Truancy	103	71	99	189	81	493
Vagrancy	212	257	198	141	191	999
Disorderly conduct	309	167	216	181	194	1,067
Violating city ordinance	17	12	16	8	66	114
Assault and battery	23	12	22	20	15	92
Malicious mischief	11	4	10	2	13	40
Intoxication	32	21	15	24	11	103
Felonious assault		1	6	3	4	14
Petty Larceny	216	226	283	252	218	1,195
Larceny from the person	5	14	23	26	12	80
Grand Larceny	28	23	25	35	22	132
Burglary	17	12	26	33	19	107
Robbery	1	3	7	5	5	21
Suspicious persons	28	14	17	21	29	109
Held for further examination	117	354	268	351	334	1,424
All other causes	25	3	22	33	31	114
Total	1,144	1,194	1,253	1,269	1,245	6,105

CAUSE OF ARREST.	1891.	1892.	1893.	1894.	1895.	Total.
Truancy	39	28	26	28	19	140
Vagrancy	79	75	39	28	33	254
Disorderly conduct	103	90	91	80	189	593
Violating city ordinance	21	19	13	11	19	83
Assault and battery	8	6	7	13	11	45
Malicious mischief	4	8	8	4	12	36
Intoxication	5	6	3	3	2	19
Felonious assault	5	4	8	5	6	28
Petty larceny	79	77	58	68	62	344
Larceny from the person		2	2	2		6
Insanity					1	1
Grand larceny	10	9	9	13	15	56
Burglary	18	36	20	21	39	134
Robbery					2	2
Suspicious persons	19	31	26	21	31	128
Held for further examination	122	101	130	145	256	754
All other causes		4	1	5	8	18
Total	512	496	441	447	650	2,546

SCHEDULE.

Total number of visits made.....	62,485
To homes.....	46,896
To schools.....	10,473
To stores, factories, etc.....	5,116
Total	62,485
Total number of cases investigated and closed.....	16,603
Children kept at home by parents.....	3,951
“ “ “ sickness.....	3,073
“ “ “ poverty.....	98
“ taught at home.....	6
“ mentally or physically disqualified...	28
“ transferred from one school to another.....	560
“ under 8 and over 16 years of age.....	232
“ left the city.....	195
“ gone to work.....	1,195
“ whose residences could not be found..	1,873
“ found to be truants and returned to school.....	3,655
“ found to be truants and committed to reformatory institutions by parents through Attendance Officers.....	8
“ found to be non-attendants and placed in school.....	1,728
“ found to be non-attendants and com- mitted to reformatory institutions by parents through Attendance Officers.....	1
Total	16,603

SCHEDULE SHOWING THE INDIVIDUAL WORK OF THE RESPECTIVE AGENTS DURING THE YEAR.

	James Rogers.	A. C. Martinez.	Wm. J. Fleming.	Wm. M. Mitchell.	John S. Ketchum.	Vincent Cristall.	C. W. Bann.	E. Morris.	L. E. Purdy.	Wm. J. Kennedy.	James J. Carney.	Wm. H. Kirby.	Edwin Werner.	Mary A. McEwen.	M. E. R. Alger.	John C. MacKnight.	Wm. W. Locke.	Morris Strauss.	Eva Monaghan.	William Doane.
Total Number of	5,702	2,101	1,324	4,907	885	2,478	2,571	941	2,675	3,580	4,475	2,579	460	634	410	175	1,537	2,119	831	509
Visits made.	588	633	642	675	659	451	501	571	1,480	2,049	504	630	242	66	139	71	50	214	127	82
	224	771	1,454	328	11	486	111	98	209	527	191	437	15	3	7	13	123	...	5	3
Total.	6,614	3,505	3,420	5,910	1,355	3,415	3,183	1,613	4,373	6,156	5,330	3,646	717	703	556	259	1,710	2,333	963	594
Children kept at home by parents	366	125	469	231	191	553	370	187	103	166	590	332	18	16	12	23	109	35	34	21
" " " sickness	175	198	241	280	135	...	296	405	234	141	489	345	14	12	12	20	33	53	6	23
" " " poverty	10	...	44	...	...	...	...	...	...	...	...	...	1	3	...	11	8	2	5	14
" " taught at home, physically or mentally disqualified, transferred from one school to another	1	2	1	...	...	...	...	...	1	...	...	...	...	2	2	2	3	...	...	3
" " under 8 and over 16 years of age	4	42	34	45	21	59	48	2	26	77	54	119	3	2	3	2	...	12	6	1
" " left the city	27	43	86	...	1	4	29	5	4	2	...	11	...	2	...	4	14	2	...	...
" " gone to work	103	2	17	8	...	11	25	...	23	...	29	50	...	...	...	...	6	11	3	4
" " whose residences could not be found	149	107	39	68	...	60	253	81	280	17	16	14	...	...	...	16	36	29	4	1
" " found to be truants and returned to school	226	234	76	331	96	309	354	180	137	174	399	174	14	5	13	5	28	17	11	3
" " found to be truants and committed to reformatory institutions by parents, through agents	...	...	...	...	...	...	...	...	477	489	436	250	23	28	108	15	114	56	38	15
" " found to be non-attendants and placed in school	...	2	...	...	...	...	...	...	1	...	1	...	1	...	2	...	...	...	...	1
" " found to be non-attendants and committed to reformatory institutions by parents, through agents	116	43	30	304	12	91	52	90	405	277	117	27	30	29	49	11	93	39	37	6
Total.	1,179	795	1,139	1,354	533	1,125	1,210	944	1,471	1,673	2,196	1,588	115	95	227	198	481	301	149	92

COURSE
OF
INSTRUCTION.

COURSE OF INSTRUCTION
PRESCRIBED FOR
PRIMARY SCHOOLS.

SEVENTH GRADE.

Kindergarten methods and instruction.

SIXTH GRADE.

Language Lessons.—*Reading*—familiar words, phrases and simple sentences (from black-board, charts, etc.): *spelling*—familiar words from dictation: lessons on the obvious parts and characteristics, and the common uses of *familiar objects*.

Number.—*Counting* by ones to 100, by twos and threes to 50: also, counting backward by ones from 10; *adding*—by ones, twos and threes, to 20; *figures*—to be read to 100 and written to 30.

Form and Drawing.—*Form*—sphere, cube, square, oblong; position of straight lines—vertical, horizontal, oblique; angles—right, acute, obtuse; surface, face, edge.

Drawing—straight lines—vertical, horizontal, oblique; letters composed of straight lines; angles—right, acute, obtuse; representing (with straight lines) positions of strings, sticks and edges; square and oblong faces of solids; squares and oblongs, from stick-laying.

Writing.—Short words (from copies on black-board or chart).

Vocal Music.—Simple exercises in singing, to train the pupils in the use of musical sounds.

FIFTH GRADE.

Language Lessons.—*Reading*—from the black-board, charts and a First Reader; the *meaning* of phrases and selected words to be associated with their use in the sentences read: *spelling*—words selected from the reading lessons; also, other familiar words: lessons on the obvious parts and characteristics, and the uses of *familiar objects*.

Number.—*Counting*—by threes, fours and fives to 100: *adding*—by twos, threes, fours and fives to 30 (on the black-board and on the slate): *subtracting*, twos, threes, fours, and fives, from numbers below 21: *multiplying* two by the numbers below six: *figures*—to be read at sight from the black-board, and written to 1,000; use of signs, +, —, ×, =: *Roman Numbers*—through XII; also, their use on the clock face.

Form and Drawing.—*Form*—cylinder, square prism, hemisphere, circle, semicircle, triangle; curved surface, curved face, curved edge, curved line; measured lengths (inches).

Drawing—angles—right, acute, obtuse; triangles; square and oblong faces of solids; curved and straight lines combined; circles and semicircles, by free-hand movement; divide lines into equal parts; draw inch lengths.

Writing.—Short words (from copy).

Vocal Music.—Continued as in the Sixth grade, with two or three simple songs, and the scale by rote; represent steps of the scale, and give simple ideas of time.

FOURTH GRADE.

Language Lessons.—*Reading*—through a First Reader, or in an easy Second Reader, the *meaning* of phrases and selected words from the sentences which have been read: *spelling*—words selected from the reading lessons, and other familiar words: lessons on *familiar objects* continued, with obvious qualities added. *Arithmetic.*—*Numeration and notation*—through six places: *adding*—single columns of ten figures, including 6, 7, 8, and 9; adding *orally*, by sixes, sevens, eights, nines, and tens: *subtracting* threes, fours, fives and sixes from the tens below 100 and from all

numbers below 31: *multiplying* two and three by *numbers* below 11: *dividing* the numbers 4, 6, 8, 10, 12, 14, 16, 18, by two, and the numbers 6, 9, 12, 15, 18 by three: use of sign —: simple practical questions: *Roman numbers* to include L.

Form and Drawing.—*Form*—triangular prism, rhomb, rhomboid; right, acute and obtuse angled triangles; faces—plane, curved; circle—circumference, diameter; square—diameter, diagonal.

Drawing—square, rhomb, oblong, rhomboid; three kinds of triangles; squares drawn in group, to represent surface of a cube: oblongs and squares in group, to represent surface of a square prism; circle, with diameter; squares with diameters and with diagonals; parallel lines; front and end of square and of oblong boxes; groups of circles.

Writing.—Short sentences (from copy).

Vocal Music.—Instruction as in Fifth Grade continued, with additional songs by rote.

THIRD GRADE.

Language Lessons.—*Reading*—in a Second Reader; the meaning of phrases and selected words which have been read: *spelling*—words selected from reading lessons, and other familiar words (orally and in writing): lessons on *familiar objects*—continued; *sentence-building*.

Arithmetic.—*Numeration and notation*—through nine places: *adding* columns of ten figures (including examples with concrete numbers): *subtracting* the numbers to ten, inclusive, from numbers below 100: simple practical questions in addition and subtraction (to be worked without slate and pencil): *multiplication table*—through six times twelve: *dividing* (the dividend to be a multiple of the divisor) numbers through 24 by two; through 36 by three; through 48 by four; through 60 by 5, and through 72 by six; also, dividing the tens—20, 40, 60, 80, by two; 30, 60, 90, by three; 40, 80, by four: *Roman numbers* to include D.

Form and Drawing.—*Form*—cone—base, vertex; pyramid—square, triangular; equilateral triangle; squares on diameters, on diagonals; concentric squares.

Drawing—cylinder, cone, oblong, triangle with two equal sides; faces of a solid, in group; circles—diameters; parallel lines; squares on diameters and on diagonals—add curved lines symmetrically arranged; two adjacent faces of a solid; common objects—windows, doors; groups of tablets.

Writing.—Sentences continued; short words without capitals.

Sewing.—Threading of needle; use of thimble; over-handing.

Vocal Music.—Instruction continued, with the use of staff, clef, notes of different length, time, etc.

SECOND GRADE.

Language Lessons.—*Reading*—through Second Reader; the meaning of phrases and selected words which have been read: *spelling*—as in the previous grade: lessons on *familiar objects*—continued; *sentence-building*.

Arithmetic.—Written and Mental.—*Addition, subtraction* and *multiplication* (multipliers not to contain more than two figures), with practical examples: *multiplication table*—completed: *dividing* (dividend to be a multiple of the divisor) numbers through 84 by seven, through 96 by eight, through 108 by nine, through 120 by ten, through 132 by eleven, and through 144 by twelve: *Roman numbers*—to number of the year: *Tables*—Federal money, time, liquid and dry measures.

Form and Drawing.—*Form*—ellipsoid, ovoid, vase; ellipse, oval; quadrant, radius, arc; octagon, hexagon, pentagon.

Drawing—ellipse, oval; vase form; reversed curve; quadrant, radius, arc; octagon, hexagon, pentagon; crosses—Latin, Greek, Maltese, St. Andrew's; circles on half diameters and half diagonals of squares; objects—pitcher, tea pot, etc.; ornamental groups of tablets.

Writing.—Sentences continued, with all the capitals; simple letter-writing to be taught.

Sewing.—Hemming; seam sewing; overcasting.

Vocal Music.—Instruction continued as in previous grade, singing notes in groups, pupils to beat time.

FIRST GRADE.

Language Lessons.—*Reading*—of the grade of an easy Third Reader; the *meaning* of phrases and selected words which have been read: *spelling*—as in the previous grades: lessons on *objects*, as in the previous grades, with more complete descriptions: *sentence-building*—continued, with practice in the correct use of *is, are, has, have, do* and *does*; develop the ideas of the qualities that belong to the object, and use the quality word in sentence-building.

Geography—Without text books—Points of the compass; location and direction of familiar places; elementary terms; shape of the earth, and situation of the principal bodies of land and of water, on globe and on map.

History of the United States.—Brief oral accounts of the discovery of America, and other discoveries in America.

Arithmetic.—Written and Mental.—*Addition* and *subtraction* continued: *multiplication*—multiplicand not exceeding six figures, multiplier not exceeding four figures: *division*—divisor not exceeding 25; practical examples in the several rules: *Roman numbers*—reviewed: *Tables*—long measure, avoirdupois weight and miscellaneous table, with review of previous grade; simple practical questions.

Form and Drawing.—*Form*—construction of forms of regular solids by drawing, cutting, folding and pasting paper, etc.

Drawing—circular faces, seen directly and obliquely; objects—oil-can, ash-can, tea-canister, street lamp, kite, etc.; tablets arranged as borders and other ornaments.

Writing.—Brief description of familiar objects; words with capitals; during the latter half of this grade one lesson each week to be written from dictation; exercises in letter-writing continued.

Sewing.—Seams—backstitching and stitching; plain fells; bias fells.

Vocal Music.—Instruction continued as in Second Grade; teaching and singing of simple tunes in the natural scale by numerals, syllables, letters, *la, la, la*, and by appropriate words.

GENERAL DIRECTIONS RELATIVE TO INSTRUCTION IN THE SEVERAL GRADES OF THE PRIMARY COURSE.

Order of Exercises.—In arranging the order of exercises of any Primary School or Department, the minimum time per week shall be as follows: Language lessons, six hours; Arithmetic, four hours; Writing, two hours; Drawing, thirty minutes; Geography (First Grade), thirty minutes; Sewing (First, Second and Third Grades, girls), one hour.

Opening exercises, fifteen minutes; morning recess, Grades 6, 5 and 4, twenty minutes; Grades 3, 2 and 1, fifteen minutes; noon intermission, one hour.

The remaining time per week may be distributed at the discretion of the Principal. Opening exercises to commence punctually at 9 o'clock A.M., and dismissal at 3 o'clock P.M. Primary Departments may commence to dismiss at 2:50 o'clock P.M. No class exercises shall take place before 9 o'clock A.M., or after 3 o'clock P.M.

Reading.—In the reading lessons of each grade, the pupils shall be required to state in their own language the subject-matter of the lessons. In connection with lessons in reading and spelling, instruction shall be given in elementary sounds, vowel and consonant. The names and uses of the punctuation marks are to be taught as they occur in the Readers. Prose and verse recitations by the pupils in the schools shall be selected from the books upon the supply list of the Board of Education.

Compositions.—In the First and Second Grades a brief composition shall be required from each pupil, at least once a week.

Arithmetic.—In the First, Second and Third Grades rapid calculation shall be required in the simple rules, particularly in addition, at least ten minutes each day.

Use of Pencils and Pens.—The pupils shall not be allowed to write or draw with short pencils; particular care to be taken as to the method of holding both pencil and pen, also as to the position of the body. Writing with the pen shall be begun at least as early as at the beginning of the Third Grade, but should be introduced into lower grades whenever practicable.

Vocal Music.—Instruction in singing shall be given to the pupils in every grade by the class teachers at least five minutes each day.

The music used shall be such as is found in the books contained in the supply list of the Board of Education.

Color.—Suitable exercises for training the color sense shall be provided in all the grades.

Physical Training.—The pupils shall be exercised daily in such a manner as to expand the lungs, develop the muscles, and impart an easy and graceful carriage to the body. For the attainment of these objects, calisthenic exercises shall be employed and shall be given at least as often as each half hour.

Manners and Morals.—Such instruction should be given daily to the pupils of all the grades as will foster a spirit of mutual kindness and courtesy, a feeling of respect for their elders, of obedience to parents and teachers, and a love of cleanliness, order, law and truth.

Patriotism, a sense of public duty and of submission to authority, should be constantly inculcated.

No proper opportunity should be lost to cultivate in the pupil the sentiment of kindness toward the brute creation, and a feeling of abhorrence of every species of cruelty and brutality.

Size of Classes.—No class shall contain more than sixty pupils, provided however that the Committee on Course of Study, on application of Trustees, may authorize temporarily, and on the ground of insufficient school accommodation, an increase of attendance in any class to a number not exceeding seventy-five.

REVIEW TO PRECEDE PROMOTION.

Promotion to a higher grade shall be preceded by a thorough review of all the studies pursued in the grade from which said promotion is to be made.

MONTHLY REVIEWS.

On the last Friday in each month, there shall be in every class of each course a general review of all the studies of the previous month, at which review all text-books shall be laid aside by Teachers and pupils.

PUBLIC EXHIBITIONS.

No public exhibition requiring special preparation, except the patriotic exercises prescribed by the by-laws, shall be given in any school or department, if at all, oftener than once during each year, except by permission of the Board of Trustees. No public exhibition or entertainment shall be given outside the school building without the consent of the Board of Education.

PROMOTIONS FROM PRIMARY SCHOOLS, HOW AND WHEN MADE.

Promotions shall be made from the Primary to the Grammar Schools semi-annually, and not oftener, except by the written permission of the City Superintendent; and no pupil shall be promoted from any Primary School unless examined in all the studies prescribed for the First Grade of the Course of Instruction for Primary Schools, and found qualified by the Principal of the Department into which the promotion is to be made; and when found qualified, such pupils shall be promoted without delay. Pupils may be transferred from the Primary to the Grammar Schools before completing the First Primary School Grade, with the consent of the Committee on Course of Study and School Books, and on the recommendation of the City Superintendent, to whom application may be made by the Trustees in any Ward, showing that said transfer is necessary in order to relieve the crowded condition of any Primary School, and to fill vacancies in the classes of the Grammar Schools. Pupils thus transferred to any Grammar School shall, however, be taught in the Primary Grades until regularly promoted from the same, but may be counted a part of the regular attendance of the Grammar School.

COURSE OF INSTRUCTION

PREScribed FOR

GRAMMAR SCHOOLS.

EIGHTH GRADE.

Language Lessons.—*Reading* of the grade of a Third Reader; *meaning and use of words*, and *spelling*, chiefly from the lessons of the reading book and from the oral lessons of the grade; also selected miscellaneous words in general use, at least 150 in number, to be taught chiefly by writing them separately, and in short sentences from dictation: *oral lessons* on the qualities and uses of familiar objects, such as articles of clothing, food, materials for building, and so forth: *compositions: sentence-building*—using the object-words known and learned; develop the idea and use of action-words; pupils to point out the object-words, quality-words and action-words in the simple reading lessons.

Arithmetic.—Written and Mental.—Through the simple rules and Federal money, with practical examples; *selected tables* of weights and measures to be taught, with simple practical applications.

Geography.—The World, from globes and outline maps.

History of the United States.—Brief oral accounts of early settlements.

Penmanship.—Words with capitals.

Form and Drawing.—*Drawing*—(Free-hand)—Semicircles; arrangements of simple and compound curves; simple historic

borders ; symmetrical arrangements of cordate leaves ; simple objects, from nature ; maps. (Mechanical)—Use of instruments ; applications of simple practical problems of geometry ; patterns formed from intersecting parallel lines ; surface patterns, hexagonal and octagonal ; parallel lines as used for shading. *Cutting*—from drawn work.

SEVENTH GRADE.

Language Lessons.—*Reading* of the grade of a Third Reader (a different book from that used in the Eighth Grade) ; *meaning and use of words*, and *spelling*, as before—at least 150 additional words, and review of those previously taught ; *oral lessons* on animals : *compositions* ; *sentence-building*—develop the idea of action-word with an object after it to complete the sentence ; develop the idea of *when*, *how* and *where* an act may be performed ; the proper use of words expressive of these ideas.

Arithmetic.—Written and Mental.—Through subtraction of common fractions, including practical applications : *selected tables* of weights and measures, as before.

Geography.—Western Hemisphere in outline, together with review of preceding grade—without text-book.

History of the United States.—Brief oral accounts of important events, to the Civil War.

Penmanship.—Words and phrases and short sentences.

Form and Drawing.—*Drawing*—(Free-hand)—Circles ; borders, two different units to be used in each ; symmetrical arrangements of hastate leaves ; simple objects, from nature ; maps. (Mechanical)—Applications of simple practical problems of geometry ; straight lines, “dotted,” etc. ; door with panels, and window with panes, from measurements made in class ; running patterns from circles and arcs ; trefoil in triangle. *Cutting*—from drawn work.

SIXTH GRADE.

Language Lessons.—*Reading* of the grade of an easy Fourth Reader ; *meaning and use of words*, and *spelling*, as before—at least 150 additional words, and review of all previously taught ;

easy exercises in suffixes: *oral lessons* on plants: *compositions: sentence building*—teach the grammatical names and uses in sentences of nouns, pronouns, verbs, adjectives, adverbs, relation-words and connectives.

Arithmetic.—Written and Mental.—Common fractions completed, including practical applications. *Selected tables* of weights and measures, as before.

Geography.—Eastern Hemisphere in outline, together with review of preceding grade—without text-book.

History of the United States.—Brief oral accounts of the Civil War.

Penmanship.—Phrases and sentences.

Form and Drawing.—*Drawing*—(Free-hand)—Ellipses; ovals; vases; original designs with leaf and flower; simple objects, from nature; maps. (Mechanical)—Applications of simple practical problems of geometry; table, etc., from measurements made in the class; arches, by arcs of circles; quatrefoil in circle; designs (ornate), circle and contents; window, pointed arch.—*Cutting*—from drawn work.

FIFTH GRADE.

Language Lessons.—*Reading* of the grade of a Fourth Reader; *meaning and use of words*, and *spelling*, as before—at least 150 additional words, and review of all previously taught; exercises in prefixes and suffixes: *oral lessons* on the human body: *compositions: English Grammar* (without text-book)—simple sentences; classes of *nouns*, and *verbs* with or without *object*; teach *subject*, *predicate*, *object* and *attribute*.

Arithmetic.—Written and Mental.—Decimals, with practical applications of common and decimal fractions; also reduction, ascending and descending, of integral denominate numbers.

History of the United States.—A brief general outline—with text-book.

Geography.—Western Hemisphere in detail, with special attention to the United States, together with review of preceding grade.

Penmanship.—Phrases and sentences.

Form and Drawing.—*Drawing*—(Free-hand)—Regular pentagon; Greek vase, with perspective effect; Egyptian and Greek borders; flowers and trilobate leaves in original designs; maps, elevations, plans and other views of cubes, prisms, cylinders and cones. (Mechanical)—Simple graphic solutions of selected geometrical theorems; elevations, etc., already drawn free-hand.

FOURTH GRADE.

Language Lessons.—*Reading* of the grade of a Fourth Reader (a different book from that of the Fifth and Sixth Grade), and in Supplementary Reader upon the subjects of the oral lessons of this or previous grades; *meaning and use of words*, and *spelling*, as before—at least 150 additional words, and review of all previously taught; exercises in prefixes and suffixes, continued; *oral lessons* on common minerals and metals: *compositions*: *English grammar* (without text-book)—simple sentences; *persons*, *numbers*, *genders*, *cases of nouns* and *pronouns*.

Arithmetic.—Written and Mental—Denominate Numbers completed, with practical applications.

History of the United States.—Outline with greater detail—with text-book.

Geography.—Eastern Hemisphere in detail, with special attention to Europe, together with review of preceding grade.

Penmanship.—Practice in large and small writing.

Form and Drawing.—*Drawing*—(Free-hand)—The spiral; flowers and lobed leaves in original designs; mediæval and moresque ornaments; ornamented vases; maps; sections of solids. (Mechanical)—Simple graphic solutions of selected geometrical theorems, continued.

THIRD GRADE.

Language Lessons.—*Reading* in Supplementary Reader upon subjects of the oral lessons in this or in previous grades; *meaning and use of words*, and *spelling*, as before; exercises in the formation of derivative words: *oral lessons* on the simple facts of natural philosophy: *compositions*: *English grammar*—*phrases*, *compound sentences*, *voices*, *moods*, *tenses*.

Arithmetic.—Written and Mental.—Through percentage, including such rules as do not involve consideration of time, with their applications; problems to be chiefly such as involve the ordinary business transactions.

History of the United States.—With text-book—Through the Revolutionary War—Review the several discoveries, settlements and colonial wars; class-reading in text-book and in historical Supplementary Reader.

Geography.—General review, with special attention to the United States and Europe. Supplementary reading in geography.

Penmanship.—Practice in different styles; letter-writing.

Form and Drawing.—*Drawing*—(Free-hand)—Historical vase, decorated; original pottery form, decorated; historic ornaments; original surface covering, not less than two different units to be used; original circular border; maps. (Mechanical)—Simple graphic solutions of selected geometrical theorems, continued.

SECOND GRADE.

Language Lessons.—*Reading* in Supplementary Reader as before and in geography; *meaning and use of words*, and *spelling*, as before; exercises in the formation of derivative words, continued; *oral lessons* on the simple facts relating to air, water, light, heat and sound; *compositions: English grammar*—simple, compound and complex sentences.

Arithmetic.—Written and Mental.—Interest, simple and compound, including partial payments; discount, bank and true; proportion, simple and compound.

History of the United States.—With text-book—Completed, with brief outline of Federal, State and Municipal government.

Book-keeping.—Single Entry—with business forms.

Penmanship.—Paragraphs; business forms, such as bills, receipts, drafts, etc.; letter-writing and business correspondence.

Form and Drawing.—*Drawing*—(Free-hand)—Original designs for industrial purposes; from the model—cube, square prism, square pyramid, cylinder and cone.

FIRST GRADE—FIRST YEAR.

a. For those desiring to enter the City or the Normal College.

English.—Six hours per week. *Reading*—Standard authors, including poetry and fiction. *Elocution*—Selections of from 15 to 25 lines to be memorized and recited or declaimed, each pupil to deliver at least six selections during the year. *Words*—Meaning, use and spelling. *Compositions*—Including letter-writing, at least once each week. *Grammar*—Analysis of simple, complex and compound sentences continued. One exercise each week to be the criticism and correction of composition.

Arithmetic.—(Written and mental)—four hours per week. A review of the business arithmetic of the preceding grades; also, exchange, equation of payments, averaging accounts, partnership, mensuration, and square and cube roots.

Penmanship.—One hour per week; paragraphs, business forms, letter-writing and business correspondence continued. One exercise each week to be the writing of composition. Writing from dictation.

History of the United States.—One hour per week; Historical Supplementary Readers.

Geography.—One hour per week; Geographical Supplementary Readers.

Form and Drawing.—One hour per week; (drawing free-hand) original designs for industrial purposes; historic ornaments; from the model—prisms (hexagonal and octagonal); groups of solids.

The remaining time per week to be distributed at the discretion of the Principal.

b. For those not desiring to enter either of the Colleges.

English.—Eight hours per week. *Reading*—The later American and English standard authors in prose and verse, with short biographical sketches of the more important ones. *Elocution*—As in subdivision a. *Words*—As in subdivision a; synonyms—the discrimination of 40 sets whose meanings are frequently confused. *Composition*—As in subdivision a, with

business correspondence. *Grammar*—Analysis and synthesis of sentences; the laws of syntax in connection with the criticism and correction of compositions.

Arithmetic.—Two hours per week; as in subdivision *a*.

Bookkeeping.—One hour per week; details as prescribed by the Committee on Course of Study. Commercial terms, business forms and statements derived from trial balances.

Geometry.—Three hours per week; Hill's, two books.

Civics.—One hour per week; Dole's (by reading and talks).

Commercial Geography.—One hour per week; Tilden's Commercial Geography, complete excepting foot-notes.

History of the United States.—One hour per week; by use of Supplementary Historical Readers.

Drawing.—Two hours per week, as in subdivision *a*; also, mechanical elements of architectural drawing.

Phonography.—One hour per week; details as prescribed by the Committee on Course of Study.

FIRST GRADE, SECOND YEAR. SUPPLEMENTARY COURSE.

For those not desiring to enter either of the Colleges.

English.—Eight hours per week. *Reading*—Earlier English authors (17th century) in prose and verse, with short biographical sketches of the more important ones. *Elocution*—As in subdivision *a*. *Compositions*—As before, and including critical essays on books read at home. *Words*—As before. *Grammar*—In connection with the reading and compositions, with study of style.

Bookkeeping.—Two hours per week; details as prescribed by Committee on Course of Study.

Geometry.—Three hours per week; Hill's. Plane geometry completed.

Physics.—Two hours per week; Shaw's.

History—General.—One hour per week (text-books).

Phonography.—Two hours per week; details as prescribed by Committee on Course of Study.

Drawing.—Two hours per week. Free-hand and mechanical, continued.

German or French.—Two hours per week. Begun or continued.

LIMITATIONS OF FIRST-GRADE CLASSES.

The course prescribed in the three divisions of the first grade shall be taught in separate classes, and no class shall be formed in either division of the first grade with less than twenty-five pupils qualified to enter it, nor be continued after the end of any year in which the average monthly attendance shall fall below twenty. In all cases of schools which cannot maintain the three divisions of the first grade, the Committee on Course of Study and School Books shall have power to decide which division or divisions may be taught in any school, to the end that the system may be as uniform as possible throughout the city.

GENERAL DIRECTIONS RELATIVE TO INSTRUCTION IN THE SEVERAL GRADES OF THE GRAMMAR COURSE.

In the several grades, excepting the first, the minimum time for Language Lessons, per week, shall be five hours; Arithmetic, three hours; Penmanship, two hours; Geography, one hour; Drawing, 40 minutes; History (Grades 2, 3, 4, 5, 6, 7, and 8), 40 minutes.

The remaining time, per week, to be distributed at the discretion of the Principal.

Opening exercises, 15 minutes; noon intermission, 60 minutes.

Opening exercises to commence punctually at 9 o'clock A. M., and dismissal at 3 o'clock P. M.

No class exercise shall take place before 9 o'clock A. M., or after 3 o'clock P. M.

Reading.—In the reading lessons of each grade the pupils shall be required to state in their own language the subject matter of the lesson. Prose and verse recitations by the pupils in the school shall be selected from books upon the supply list of the Board of Education.

Home Lessons.—No lesson shall be given to a pupil to be learned out of school until it shall have been sufficiently explained and illustrated by the Teacher to the class; nor shall

the lessons be such as to require a period of study each day, in the case of a child of average capacity, longer than two hours. Exercises in grammatical analysis and parsing may be assigned for home study to pupils of the First and Second Grades. Exercises in written arithmetic may also be assigned for home study to pupils of the First, Second, Third, Fourth and Fifth Grades.

Use of Pencils and Pens.—The pupils not to be allowed to write with short pencils; in all the grades particular attention to be giving to the proper manner of holding the pen, and the position at the desk. The exercises in each grade to be such as are required to give ease and rapidity, as well as accuracy in style. Black-board instruction to be given in each grade. Pupils of the first five grades to be supplied with blank books for dictation, which should be given at least once a week.

Compositions.—Compositions shall be written once a week in all grammar classes, in presence of the Teachers, upon subjects connected with the oral lessons of the grade, or upon subjects read and explained in class-room; and these compositions shall be criticised and re-written. Home work shall be limited to the First and Second Grades.

Dictation and Correction of Language.—Exercises in writing sentences and paragraphs, from dictation, shall be given in each grade, and the pupils in all the grades shall be trained in the correction of language, and taught to avoid common errors of speech.

Arithmetic.—Rapid calculation in the simple rules of arithmetic shall be practiced by all the pupils from the lowest to the highest grade.

Singing.—Instruction in singing shall be given to the pupils in every grade, except the first grade of boys, at least ten minutes each day. The music used shall be such as is found in the books contained in the supply list of the Board of Education.

Sewing.—Instruction in sewing may be given to the pupils in the Female Grammar Schools.

Physical Training.—The pupils shall be exercised daily in such a manner as to expand the lungs, develop the muscles, and

impart an easy and graceful carriage to the body. Calisthenic exercises should be employed for the attainment of these objects.

Manners and Morals. Such instruction should be given daily to the pupils of all the grades as will foster a spirit of kindness and courtesy toward each other, a feeling of respect toward parent and teacher, and a love of cleanliness, order, law and truth.

Patriotism, a sense of public duty and of submission to authority, should be constantly inculcated.

No proper opportunity should be lost to cultivate in the pupil the sentiment of kindness toward the brute creation, and a feeling of abhorrence of every species of cruelty and brutality.

Size of Classes.—No class shall contain more than sixty pupils.

REVIEW TO PRECEDE PROMOTION.

Promotion to a higher grade shall be preceded by a thorough review of all the studies pursued in the grade from which said promotion is to be made.

MONTHLY REVIEWS.

On the last Friday in each month, there shall be in every class of each course a general review of all the studies of the previous month, at which review all text-books shall be laid aside by teachers and pupils.

PUBLIC EXHIBITIONS.

No public exhibition requiring special preparation shall be given in any school or department, if at all, oftener than once during each year, except by permission of the Board of Trustees, and no public exhibition or entertainment shall be given outside the school building without the consent of the Board of Education.

MUSIC, DRAWING, FRENCH AND GERMAN.

Exercises in vocal music and instruction in musical notation and drawing, shall be given in each Primary and Grammar School.

Whenever the parents or guardians of at least thirty pupils attending a Grammar Department shall desire the introduction

of French or German, the Trustees of the Ward shall introduce the study of such language in said department, but no child shall be compelled to study German or French contrary to the wishes of its parents or guardians, expressed either personally or in writing ; and whenever the average attendance of pupils engaged in the study of French or German, in any class, shall fall below fifteen for the period of three months, such study shall thereafter be discontinued in said class.

Whenever the study of French or German shall have been introduced as above, it shall be pursued according to the course of studies in French or German which has been or may hereafter be prescribed by the Board, and pupils pursuing the study of either of these languages shall be required to show the proficiency assigned to each grade before being promoted to a higher grade in the same language.

The City Superintendent under the direction of the Committee on Teachers, shall be authorized to license Teachers specially to give instruction in French or German in the First, Second, Third, Fourth and Fifth grades of the Grammar Schools, and the number of recitations in each of the grades pursuing the study of either of these languages shall be three per week, two of thirty-five minutes each, and one of thirty minutes, or two per week of fifty minutes each, to be left to the discretion of the Principal ; provided, however, that the assigned time in the second year of the First grade—Supplementary Course—shall be two hours per week. No pupils shall be permitted to pursue the study of more than one language at the same time.

COURSE OF INSTRUCTION
IN THE
GERMAN AND FRENCH LANGUAGES.

FIFTH GRADE.

GERMAN.—The alphabet, both printed and script, with exercises in reading and writing.

Colloquial exercises on common topics—home, the school, the class, lessons, play, etc., etc. Single words not to be accepted as answers.

Translation, oral and written, chiefly from English into German, of simple sentences, including examples under the rules in the grammar of the grade.

Grammar.—Simple sentences; subject, predicate, attribute, object, adjunct. Declension of the definite and indefinite articles and nouns begun; the present and imperfect tense of “*sein*” and “*haben*.” Cardinal numbers to one hundred.

Etymological comparisons.

FRENCH.—The alphabet, rules of pronunciation, and the accents; reading.

Colloquial exercises on common topics—home, the school, the class, lessons, play, etc., etc. Single words not to be accepted as answers.

Translation, oral and written, chiefly from English into French, of simple sentences, including examples under the rules in the grammar of the grade.

Grammar.—Simple sentences; subject, predicate, object, attri-

bute, adjunct. Declension of nouns and articles; formation of feminine and of plural (regular). Present and imperfect tense of “avoir” and “être.” Cardinal numbers to one hundred.

Etymological comparisons.

FOURTH GRADE.

GERMAN.—1. Exercises in reading and writing—continued.

Colloquial exercises—continued.

Translation, oral and written, including examples under the rules in the grammar of the grade.

Grammar.—Declensions of articles and nouns—continued; adjectives, with personal pronouns added.

Etymological comparisons—continued.

FRENCH.—Exercises in reading—continued.

Colloquial exercises—continued.

Translation, oral and written, including examples under the rules in the grammar of the grade.

Grammar.—Modifications of adjectives and pronouns.

Etymological comparisons—continued.

THIRD GRADE.

GERMAN.—Exercises in reading and writing—continued.

Colloquial exercises—more difficult than for Fourth grade.

Translation, oral and written, including examples under the rules in the grammar of the grade.

Grammar.—Compound sentences. Declension completed. Conjugation of regular verbs; adverbs, prepositions.

Etymological comparisons—continued.

FRENCH.—Exercises in reading and writing—continued.

Colloquial exercises—more advanced than for Fourth grade.

Translation, oral and written, including examples under the rules in the grammar of the grade.

Grammar.—Compound sentences. Conjugation of regular verbs; adverbs, prepositions.

Etymological comparisons—continued.

SECOND GRADE.

GERMAN.—Exercises from an easy German Reader, with explanation of subject matter, and conversational exercises, with and afterward without book. Writing continued, not as copy, but as applied in translation or composition.

Colloquial exercises on current topics of the day, or from the history, geography or oral lessons.

Easy compositions and letters.

Grammar.—Complex sentences. Conjugation completed; principal parts of strong and irregular verbs. Relative Pronouns. Prepositions governing two cases.

Etymological comparisons—continued.

FRENCH.—Exercises from an easy French Reader, with explanation subject matter, and conversational exercises, with and afterward without book.

Colloquial exercises on current topics of the day, or from the history, geography or oral lessons.

Easy compositions and letters.

Grammar.—Complex sentences. Conjugation completed; principal parts of the common irregular verbs. Relative pronouns.

Etymological comparisons—continued.

FIRST GRADE—FIRST YEAR.

GERMAN.—Reading from an advanced Reader, with conversational exercises on the subject matter. Writing continued as before.

Compositions and letters on topics of the day.

Grammar.—A complete and thorough review, embracing all the ordinary difficulties of the language.

Etymological comparisons—continued.

FRENCH.—Reading from an advanced Reader, with conversational exercises on the subject matter.

Compositions and letters on topics of the day.

Grammar.—A thorough and complete review of all the *ordinary* difficulties of the language.

Etymological comparisons—continued.

FIRST GRADE—SECOND YEAR.

German or French, as in first year. Or, if neither is taught in the first year, German or French shall be begun, and continued throughout the year; three lessons per week; two hours.

No pupil, pursuing the study of German or of French, shall be permitted to discontinue that subject before the end of a term.

Special attention shall be given to practice in colloquial exercises.

COURSE OF INSTRUCTION
FOR
EVENING SCHOOLS FOR JUNIORS.

EIGHTH GRADE.

Reading, from First and Second Reader.

Suggestions.—1st. It should be borne in mind that the pupils of this grade have a mental development, as well as a practical use of words far beyond the young children for whom a Reader of this grade is chiefly designed; 2d. That therefore the principal efforts in this grade should be to develop a facility in pronouncing all the words of the Reader promptly at sight; 3d. Great care should be taken to make the exercises as spirited as the subject will permit; and 4th. Considerable attention should be given to distinctness of articulation and correctness of pronunciation.

Spelling and Definitions of the words of the Reading lessons.

Suggestions.—1st. The spelling in this grade should be chiefly oral, in order to cover as much ground as possible in each lesson; 2d. Before closing the lesson a selection of from five to ten of the most difficult words should be tested by having the whole class write them on the slate; 3d. The difficult words of preceding lesson should be rapidly reviewed at least twice a month; 4th. The spelling and meaning of words of like sound with those in the lesson should be carefully taught; 5th. Only those words, the meaning of which the pupil is likely to mistake or not to know, should be dwelt upon in the definition exercises; 6th. Ability to

use words properly in a brief sentence or phrase is the best test of the knowledge of their meaning in the lower grades.

Arithmetic, through Multiplication.

Suggestions.—1st. The lesson in Arithmetic should consist of three parts: First, a few minutes' rapid class drill with the blackboard, to secure facility and precision in the tables of Addition, Subtraction and Multiplication; Second, a few minutes in short, practical exercises in mental arithmetic, chiefly for rapid calculation without analysis; Third, the remainder of the time should be given to exercises wrought upon the slate; 2d. All the examples given should be short; 3d. If any analysis is required, it should only be in Multiplication, and should then be as concise as clearness will permit; 4th. Neat work and legible figures should invariably be insisted upon.

Penmanship.—Elementary exercises in small letters and capitals; also in short words.

Suggestions.—1st. Each lesson should first be briefly illustrated upon the blackboard; 2d. The lesson should not always be from printed copies; 3d. The letters should be presented in the order of their difficulty, and short words should be introduced as soon as a few letters have been taught.

SEVENTH GRADE.

Reading, from a Third Reader.

Suggestions as in grade 8th as far as apposite. Care should be taken to select interesting and instructive pieces.

Spelling and Definitions of the words of the reading lesson; also of miscellaneous words by dictation.

Suggestions as in grade 8th, excepting that the exercises in written spelling should occupy at least half the time given to the subject.

Arithmetic.—Short and Long Division and Federal Money.

Suggestions as in grade 8th, except that the words *and Division* are to be added after the word *Multiplication*.

Penmanship.—Words and short sentences.

Suggestions, see 1 and 2 of grade 8th.

SIXTH GRADE.

Reading of the grade of a Third Reader continued.

Suggestions as in grades 8th and 7th.

Spelling and Definitions of the words of the Reading lessons, also of Miscellaneous words from dictation.

Suggestions as in grades 8th and 7th.

Arithmetic, through Common Fractions and their application to Federal Money.

Suggestions.—1st. Those of grades 8th and 7th as far as apposite; 2d. The examples selected should be short and practical as possible; 3d. Common Divisor and Least Common Multiple should be chiefly from inspection, and only in immediate connection with their applications to the reduction and combination of fractions; 4th. Addition, Subtraction and Division may be advantageously taught together, on their common basis of Least Common Denominator; 5th. The chief analyses to be taught are those of Common Denominator, Multiplication, and the two cases in Division; 6th. The applications of Fractions to Federal Money should constitute a prominent element of the exercises.

Penmanship.—Words and short sentences, continued.

Suggestions as in grade 7th.

FIFTH GRADE.

Reading, a book of the grade of a Fourth Reader, with continuous text, on Familiar Science.

Suggestions.—1st. Every lesson should be accompanied with a brief review of the subject matter; 2d. An occasional general review of the subject matter will give one of the brief advantages of a continuous text; 3d. Difficult words and those requiring explanation should be carefully attended to; 4th. Distinctness of articulation and naturalness of tone should have a proper share of attention.

Spelling and Definitions from the Reader, and miscellaneous words.

Suggestions as in grades 8th and 7th.

Arithmetic.—Decimal Fractions and Common Fractions reviewed, with simple business applications of both.

Suggestions.—1st. After teaching the principles of Decimal Notation, the reduction, addition, subtraction, multiplication and division of Decimal Fractions should be taught and explained, on the same principles as similar operations in Common Fractions; 2d. Facility in converting Simple Common Fractions to Decimals and Decimals to Common Fractions is very important in the business applications of Fractions.

Penmanship.—Copies and longer sentences.

Suggestions.—1st. Double-lined books, that is, those having both base-line and head-line for the small letters, should not be used; 2d. All members of the class should write the same lesson; 3d. The special difficulties of each lesson should be carefully taught by means of the black-board.

FOURTH GRADE.

Reading, from the same Reader as in grade 5th.

Suggestions as in grade 5th.

Spelling and Definitions as in grade 5th.

Suggestions as in grade 5th.

Arithmetic.—Compound Numbers, including Federal Money Tables of Weights and Measures.

Suggestions.—1st. Great care should be taken to select those tables which are of most practical importance in daily life; 2d. No long examples should be given; 3d. The analysis, when required, should be brief and simple; 4th. The different values of the pound, ounce, ton and gallon should be carefully taught; 5th. Areas of rectangles and circles, and short examples in finding the contents of boxes, bins and cylinders, in feet, inches, gallons or bushels, should constitute part of the basis of instruction.

Penmanship.—Copies; writing short paragraphs from dictation, or from the Reader, or some other book.

Suggestions.—1st. The latter element is by far the more important; 2d. Draw attention to the correct use of capitals and points, and to the use of the hyphen at the end of the line; 3d. Insist upon the proper legible medium between a compact and a

sprawling hand; 4th. Do not allow either vertical or backhand to be used; 5th. Insist upon a plain style, without flourishes; 6th. Permit only such rapidity as is thoroughly consistent with neatness and legibility.

Geography.—An outline of the World; to be taught orally and with the use of the globe and outline maps.

Suggestions.—1st. The lessons should be short and spirited; 2d. They should not be allowed to degenerate into mere lectures. The pupils should take a leading and active part in pointing out and describing; 3d. The lessons should include the shape of the earth, its size, zones, seasons, day and night, divisions into land and water, and the principal subdivisions of each. Ideas of latitude and longitude, their necessity and importance. The distinctions of mountain systems, plains and location of the most important of each; the most important rivers and lakes; a few of the leading countries and of the chief commercial and manufacturing cities; 4th. Before commencing the lesson the teacher should have as definite ideas as to its plans, limits and details as in the lessons in Arithmetic or Penmanship; 5th. Frequent and rapid reviews of five minutes each are indispensable.

THIRD GRADE.

Reading.—History of the United States.

Suggestions as in grade 5th.

Spelling and Definitions from the Reading lessons.

Suggestions as in grades 8th and 7th, excepting that the spelling should be tested only by writing selected words and sentences on slates.

Arithmetic.—Percentage *without time*; a review of those parts of the compound numbers which are of the most practical importance.

Suggestions as in grades 5th and 4th.

Penmanship.—Copies and paragraphs as in grade 4th.

Suggestions as in grade 4th.

Geography.—A brief outline of the Western Hemisphere, with the use of the globe and the outline maps.

Suggestions as in grade 4th, except as to exception 3d. The lessons should include first very simple outlines of the physical geography of each continent, its form dimensions, chief mountain systems, plateaus and plains; its drainage, general climate and leading vegetable and animal products. The separate countries of the continent should then be considered, great care being taken not to present too many topographical details. The leading cities, resources, commerce and commercial routes should receive careful attention.

SECOND GRADE.

Reading.—History of the United States, continued.

Suggestions as in grade 5th.

Spelling and Definitions from the Reading Lessons.

Suggestions as in grade 3d.

Arithmetic.—Review of Simple Percentage; Interest, and the business rules dependent upon both.

Suggestions.—1st. No subordinate topic should be treated exhaustively before proceeding to the next; 2d. Frequent reviews with brief examples will insure correctness, rapidity and thoroughness; 3d. Clear explanations should be required; 4th. Before completing the subject of Interest a few exercises should be given in finding Interest by tables, and the tables should be explained.

Penmanship.—Copies and paragraphs as in grade 3d.

Suggestions as in grade 4th.

Geography.—The Eastern Hemisphere, with the use of the globe and outline maps.

Suggestions as in grade 3d.

FIRST GRADE.

Reading.—General History.

Suggestions as in grades 3d and 2d.

Spelling and Definitions.—From the Reading lesson.

Suggestions as in grade 3d.

Arithmetic.—General review and completion of business arithmetic.

Suggestions as in grade 2d.

Penmanship.—Paragraphs and business forms and business letters.

Suggestions.—The points of each business letter should be briefly written upon the blackboard, and each pupil then be required to construct the letter himself.

Bookkeeping.

Suggestions.—The time given to this subject should not be allowed to interfere with the other subjects required to be taught in this grade.

Geography.—General review with outline maps.

Suggestions.—Special attention should be given to such important current events as have geographical relations. The daily paper will furnish an abundance of valuable and useful illustrations.

COURSE OF INSTRUCTION
FOR
EVENING SCHOOLS FOR SENIORS.

Reading.—Including Spelling, Definitions and Historical Readings.

Arithmetic.

Penmanship.

Book-keeping.

Composition.

Drawing.

Phonography.

Any pupil upon his admission may, at his option, select not more than two of the said branches of study, which he desires to pursue during the term.

It shall be the duty of the Principal of each School for Seniors, by and with the advice and consent of the City Superintendent, to arrange an order of exercises for each evening during the term.

INSTRUCTION IN SEWING AND COOKING.

The Committee on Evening Schools may provide for instruction in Sewing in not to exceed five Female Evening Schools, and for instruction in Cooking in not to exceed two Female Evening Schools, located in a building having a school kitchen ; such instruction to be given three evenings a week to pupils who shall apply for the same ; provided, however, that application for the introduction of the subjects above named into any school

shall have been made by the Board of School Trustees of the Ward in which such school is located, and provided that if the average attendance in any one or more of the classes above provided for, for any two consecutive weeks, shall be less than twenty, the said class or classes shall be discontinued, and the teacher or teachers in charge of said class or classes shall be dropped from the list of teachers in such school or schools.

COURSE OF INSTRUCTION
IN THE
ENGLISH LANGUAGE
FOR FOREIGNERS IN EVENING SCHOOLS.

THIRD GRADE.

Reading.—Second or Third English Reader ; special attention to be called to idiomatic phrases occurring in the lessons.

Penmanship.—Writing from dictation. The use of capitals to be taught.

English Grammar.—Special attention to be given to the peculiar sounds of the language ; the comparison of adjectives ; the formation of the plural ; the simple tenses of auxiliary verbs ; the principal parts of a few of the most common irregular verbs.

Translations.—Translations from English into the native language of the pupils, and *vice versa*.

Colloquial Exercises.—Among the first topics to be selected for colloquial exercises should be the following : (*a.*) Easy exercises in addition, subtraction, multiplication and division ; (*b.*) the human body ; (*c.*) house and home ; garden and field ; (*d.*) family relations and friends ; (*e.*) the city we live in ; other subjects at the discretion of the teacher, who should keep a list of the exercises.

The teacher should give the usual directions as soon as possible in the English language.

SECOND GRADE.

Reading.—Fourth English Reader.

Penmanship.—Writing from dictation, including words and sentences.

English Grammar.—Special attention to be given to the principal parts of irregular verbs, occurring in the Reader, to the passive voice, and to the principal adverbs and conjunctions.

Translations.—Continued.

Colloquial Exercises.—The following subjects should be treated of: (a.) the weather; (b.) mechanical arts; (c.) the grocery; (d.) social amusements; (e.) the United States and its government; other subjects at the discretion of the teacher, who should keep a list of them.

The medium of instruction should be, as much as practicable, the English language.

FIRST GRADE.

Reading.—Fifth English Reader, History of the United States, or Constitution of the United States.

Penmanship.—Writing from dictation.

English Grammar.—The chief peculiarities of Syntax; attention to be called to points of difference between the English and the native language of the pupils. Lessons in composition, with instructions in letter writing.

Translations.—Continued.

Colloquial Exercises.—Review of the exercises of the two preceding grades; other subjects to be selected by the teacher; discussions on the contents of the reading lessons; debates.

Teachers should keep a list of the subjects selected by them for colloquial exercises and debates.

The English language should be exclusively the medium of instruction in this grade.

MANUAL-TRAINING COURSE OF STUDY

PRESCRIBED FOR

PRIMARY SCHOOLS.

SIXTH GRADE.

Language Lessons.—*Reading*—familiar words, phrases and simple sentences (from black-board, charts, etc.): *spelling*—familiar words from dictation: lessons on the obvious parts and common uses of familiar *objects*: also on common *colors*.

Form and Drawing.—*Form*—sphere, cube, square, oblong; position of straight lines—vertical, horizontal, oblique; angles—right, acute, obtuse; surface, face, edge.

Drawing—straight lines—vertical, horizontal, oblique; letters; composed of straight lines; angles—right, acute, obtuse; representing (with straight lines) positions of strings, sticks and edges; square and oblong faces of solids; squares and oblongs from stick-laying.

Writing.—Short words (from copies on black-board or chart).

Number.—*Counting*—by ones to 100, by twos and threes to 30; also, counting backward by ones from 10: *adding*—by ones, twos and threes mingled, to 20: *numbers*—to be read to 100 and written to 30.

Vocal Music.—Simple exercises in singing, to train the pupils in the use of musical sounds.

FIFTH GRADE.

Language Lessons.—*Reading*—from the black-board, charts and a First Reader; the *meaning* of phrases and selected words

to be associated with their use in the sentences read: *spelling*—words selected from the reading lessons; also, other familiar words: lessons on the obvious parts and uses of familiar *objects*, and on common *colors*, continued.

Form and Drawing.—*Form*—cylinder, square, prism, hemisphere, circle, semicircle, triangle; curved surface, curved face, curved edge, curved line, measured lengths (inches).

Drawing—angles—right, acute, obtuse; triangles; square and oblong faces of solids; curved and straight lines combined; circles and semicircles, by free hand movements, divide lines into equal parts; draw inch lengths.

Writing.—Short words (from copy).

Number.—*Counting*—by threes, fours and fives to 50: *adding*—by twos, threes, four and fives to 30 (on the black-board and the slate): *subtracting*, by splints, etc., from numbers below 20: *multiplying* two by the numbers below six: *numbers*—to be read at sight from the black-board, and to be written through three places: *Roman numbers*—through XII; also, their use on the clock face.

Vocal Music.—Continued as in Sixth Grade, with two or three simple songs, and the scale by rote; represent steps of the scale, and give simple ideas of time.

FOURTH GRADE.

Language Lessons.—*Reading*—through a First Reader, or in an easy Second Reader; the *meaning* of phrases and selected words from the sentences which have been read: *spelling*—words selected from the reading lessons, and other familiar words: lessons on familiar *objects* continued, with obvious qualities added; also, on *color*.

Form and Drawing.—*Form*—triangular prism, rhomb, rhomboid; right, acute and obtuse angled triangles; faces—plane, curved; circle—circumference, diameter; square—diameter, diagonal.

Drawing—square, rhomb, oblong, rhomboid; three kinds of triangles; squares drawn in group, to represent surface of a

cube; oblongs and squares in group, to represent surface of a square prism; circle, with diameter; squares, with diameters and with diagonals; parallel lines; front and end of square and of oblong boxes; groups of circles.

Writing.—Short sentences (from copy).

Arithmetic.—*Numeration and notation*—through six places: *adding*—single columns of seven figures, including 6, 7, 8 and 9; also *orally*, by sixes, sevens, eights, nines and tens: *subtracting* threes, fours, fives and sixes from numbers below 20: *multiplying* two by numbers below 11: simple practical questions: *Roman numbers*—to include L.

Vocal Music.—Instruction as in Fifth Grade continued, with additional songs by rote.

THIRD GRADE.

Language Lessons.—*Reading*—in a Second Reader; the *meaning* of phrases and selected words which have been read: *spelling*—words selected from reading lessons, and other familiar words (orally and in writing): lessons on familiar *objects*—continued.

Form and Drawing.—*Form*—cone—base, vertex; pyramid—square, triangular; equilateral triangle; squares on diameters, on diagonals; concentric squares.

Drawing—cylinder, cone, oblong, triangle with two equal sides; faces of a solid, in group; circles—diameters; parallel lines; squares on diameters and on diagonals—add curved lines symmetrically arranged; two adjacent faces of a solid; common objects—window, door; groups of tablets.

Writing.—Sentences continued; short words without capitals.

Sewing.—Threading of needle; use of thimble; over-handing.

Arithmetic.—*Addition*—three columns of ten figures (including examples with concrete numbers); simple practical questions in addition and subtraction (to be worked without slate and pencil): *multiplication table*—through six times twelve: *Roman numbers*—to include D.

Vocal Music.—Instruction continued, with the use of staff, clef, notes of different length, time, etc.

SECOND GRADE.

Language Lessons.—*Reading*—through Second Reader ; the *meaning* of phrases and selected words which have been read : *spelling*—as in the previous grade : lessons on familiar *objects*—continued.

Form and Drawing.—*Form*—ellipsoid, ovoid ; vase ; ellipse, oval ; quadrant, radius, arc ; octagon, hexagon, pentagon.

Drawing.—ellipse, oval ; vase form, reversed curve ; quadrant, radius, arc ; octagon, hexagon, pentagon ; crosses—Latin, Greek, Maltese, St. Andrew's ; circles on half diameters and half diagonals of squares ; objects—pitcher, tea-pot, etc. ; ornamental groups of tablets.

Writing.—Sentences continued, with all the capitals.

Sewing.—Hemming ; seam sewing ; over-casting.

Arithmetic.—*Addition, subtraction* and *multiplication* (multipliers not to exceed 12), with practical examples : *multiplication table*—completed ; *Roman numbers*—to number of the year : *Tables*—Federal money, time, liquid measure and dry measure.

Vocal Music.—Instruction continued as in previous grade ; singing notes in groups, pupils to beat time.

FIRST GRADE.

Language Lessons.—*Reading* of the grade of an easy Third Reader ; the *meaning* of phrases and selected words which have been read : *spelling*—as in the previous grade : lessons on *objects*, as in the previous grades, with more complete descriptions.

Geography.—Without text-book—Points of the compass ; location and direction of familiar places ; elementary terms ; shape of the earth, and situation of the principal bodies of land and of water, on globe and on map.

Form and Drawing.—*Form*—construction of forms of regular solids by drawing, cutting, folding and pasting paper, etc. ; construction in clay from drawings—steps of stairs, slate-frame, concentric squares, etc. ; representation of islands, etc., with clay.

Drawing—circular faces, seen directly and obliquely ; objects—oil-can, ash-can, tea-canister, street lamp, kite, etc. ; tablets

arranged as borders and other ornaments. Draw, as maps, the clay representations of islands, etc.

Writing.—Brief description of familiar objects; words with capitals; during the latter half of this grade one lesson each week to be written from dictation.

Sewing.—Seams—backstitching and stitching; plain fells; bias fells.

Arithmetic.—*Numeration* and *notation*—through nine places: *addition* and *subtraction* continued: *multiplication*—multiplier not exceeding six figures, multiplier not exceeding four figures: *division*—divisor not exceeding 12: practical examples in the several rules: *Tables*—Long measure, avoirdupois weight and miscellaneous table, with review of previous grade: simple practical questions.

Vocal Music.—Instruction continued as in Second Grade; teach the singing of simple tunes in the natural scale by numerals, syllables, letters, *la, la, la*, and by appropriate words.

GENERAL DIRECTIONS RELATIVE TO INSTRUCTION IN THE SEVERAL GRADES OF THE PRIMARY COURSE.

Order of Exercises.—In arranging the order of exercises of any Primary School or Department, the minimum time per week shall be as follows: Language Lessons, five and a half hours; Form and Drawing, one and a half hours. Grades 1 to 3, boys, one hour additional for construction; Arithmetic, three and a half hours; Writing, Grades 1 to 3, two hours—Grades 4 to 6, one and a half hours; Sewing, Grades 1 to 3, girls, one hour. Opening exercises, fifteen minutes; morning recess, Grades 1 to 3, fifteen minutes—Grades 4 to 6, twenty minutes; noon intermission, one hour.

The remaining time per week may be distributed at the discretion of the Principal. Opening exercises to commence punctually at 9 o'clock A. M., and dismissal at 3 o'clock P. M. Primary Departments may commence to dismiss at 2:50 o'clock P. M. No class exercises shall take place before 9 o'clock A. M., or after 3 o'clock P. M.

Reading.—In the reading lessons of each grade the pupils shall be required to state in their own language the subject-matter of the lessons. In connection with lessons in reading and spelling instruction shall be given in elementary sounds, vowel and consonant. The names and uses of the punctuation-marks are to be taught as they occur in the Readers. Prose and verse recitations by the pupils of the schools shall be selected from the books upon the supply list of the Board of Education.

Use of Pencils and Pens.—The pupils shall not be allowed to write or draw with short pencils; particular care to be taken as to the method of holding both pencil and pen; also as to the position of the body. Writing with the pen shall be begun at least as early as at the beginning of the Third Grade, but should be introduced into lower grades whenever practicable.

Vocal Music.—The music used shall be such as is found in the books contained in the supply list of the Board of Education.

Physical Training.—The pupils shall be exercised daily in such a manner as to expand the lungs, develop the muscles, and impart an easy and graceful carriage to the body. For the attainment of these objects, calisthenic exercises shall be employed, and shall be given at least as often as each half-hour.

Manners and Morals.—Such instruction should be given daily to the pupils of all the grades as will foster a spirit of mutual kindness and courtesy, a feeling of respect for their elders, of obedience to parents and teachers, and a love of cleanliness, order, law and truth.

Size of Classes.—No class shall contain more than seventy-five pupils.

MANUAL-TRAINING COURSE OF STUDY

PRESCRIBED FOR

GRAMMAR SCHOOLS.

EIGHTH GRADE.

Language Lessons.—*Reading* of the grade of a Third Reader ; *oral lessons* on the qualities and uses of familiar objects, such as articles of clothing, food, material for building, and so forth ; *compositions ; spelling, meaning and use of words*, chiefly from the lessons of the reading book and from the oral lessons of the grade ; also selected miscellaneous words in general use, at least 100 in number, to be taught chiefly by writing them separately, and in short sentences from dictation.

Geography.—The World, from globes and outline maps.

Arithmetic.—Through the simple rules and Federal money, with practical examples ; *selected tables* of weights and measures, with simple practical applications.

Penmanship.—Words with capitals.

Form and Drawing.—*Drawing*—(Free-hand)—Semicircles ; arrangement of simple and compound curves ; simple historic borders, symmetrical arrangements of cordate leaves ; simple objects, from nature ; maps. (Mechanical)—Use of instruments ; applications of simple practical problems of geometry ; patterns formed from intersecting parallel lines, surface patterns, hexagonal and octagonal ; parallel lines as used for shading. *Cutting and modeling*—from drawn work.

Sewing—Review hems and bias fells : French seams ; gathering.

SEVENTH GRADE.

Language Lessons.—*Reading* of the grade of a Third Reader (a different book from that used in the Eighth Grade); *oral lessons* on animals; *compositions*; *spelling, meaning and use of words*, as before—at least 100 additional words, and review of those previously taught.

Geography.—Western Hemisphere in outline, together with review of preceding grade—without text-book.

Arithmetic.—Through subtraction of Common Fractions, with practical examples; *selected tables* of weights and measures, as before.

Penmanship.—Words and phrases.

Form and Drawing.—*Drawing*—(Free-hand)—Circles; borders, two different units to be used in each; symmetrical arrangement of hastate leaves; simple objects from nature; maps. (Mechanical)—Applications of simple practical problems of geometry; straight lines, "dotted," etc.; door with panels, and window with panes, from measurements made in class; running patterns from circles and arcs; trefoil in triangle. *Cutting and modeling*—from drawn work.

Sewing.—Button-holes; sewing on buttons; patching.

SIXTH GRADE.

Language Lessons.—*Reading* of the grade of an easy Fourth Reader; *oral lessons* on plants; *compositions*; *spelling, meaning and use of words*, as before—at least 100 additional words, and review of all previously taught easy exercises in suffixes.

Geography.—Eastern Hemisphere in outline, together with review of preceding grade—without text-book.

Arithmetic.—Common Fractions completed, with practical examples; *selected tables* of weights and measures, as before.

Penmanship.—Phrases and sentences.

Form and Drawing.—*Drawing*—(Free-hand)—Ellipses, ovals; vases; original designs with leaf and flower; simple objects from nature; maps. (Mechanical)—Applications of simple practical problems of geometry; table, etc., from measurements

made in the class ; arches, by arcs of circles ; quatrefoil in circle ; designs (ornate), circle and contents ; window, pointed arch. *Cutting and modeling*—from drawn work.

Sewing.—Herring-bone stitch and flannel patching ; darning stockings, darning tears and cuts.

FIFTH GRADE.

Language Lessons.—*Reading* of the grade of a Fourth Reader ; *oral lessons* on the human body ; *compositions* ; *spelling, meaning and use of words*, as before—at least 100 additional words, and review of all previously taught ; exercises in prefixes and suffixes.

History of the United States.—A brief general outline—without text-book.

Geography.—Western Hemisphere in detail, with special attention to the United States, together with a review of preceding grade.

Arithmetic.—Decimals, with practical examples in Common and Decimal Fractions ; reduction, ascending and descending, of Integral Denominate Numbers.

Penmanship.—Phrases and sentences.

Form and Drawing.—*Drawing*—(Free-hand)—Regular pentagon ; Greek vase, with perspective effect ; Egyptian and Greek borders ; flowers and trilobate leaves in original designs ; maps ; elevations, plans and other views of cubes, prisms, cylinders and cones. (Mechanical)—Simple graphic solutions of selected geometrical theorems, elevations, etc., already drawn free-hand ; drawing required for shop-work. *Modeling*—Relief maps. *Shop-work*—Use of tools—knife and jack-plane ; making joints—butt, butt-miter, lap, etc.

Sewing.—Review all previous work ; tucking, gussets.

FOURTH GRADE.

Language Lessons.—*Reading* of the grade of a Fourth Reader (a different book from that of the Fifth and Sixth Grade) and in Supplementary Reader upon the subjects of the oral lessons of this or previous grades ; *oral lessons* on common minerals

and metals; *compositions*; *spelling, meaning and use of words*, as before—at least 100 additional words, and review of all previously taught; exercises in prefixes and suffixes, continued; *English Grammar* (without text-book)—the construction of sentences, with a view to develop a knowledge of the parts of speech, and to illustrate the terms *subject, predicate and object*.

History of the United States.—Outline with greater detail—without text-book.

Geography.—Eastern Hemisphere in detail, with special attention to Europe, together with review of preceding grade.

Arithmetic.—Denominate Numbers completed, with practical examples.

Penmanship.—Practice in large and small writing.

Form and Drawing.—*Drawing*—(Free-hand)—The spiral; flowers and lobed leaves in original designs; mediæval and moresque ornaments; ornamental vases; maps; working-sketches of tools and joints; sections of solids. (Mechanical)—Simple graphic solutions of selected geometrical theorems, continued; working-drawings for shop-work. *Modeling*—Relief maps.

Shop-work.—Use of tools—add cross-cut saw, hammer and nails, and chisel; making joints, etc.

Sewing.—Measuring, cutting paper patterns, and fitting.

THIRD GRADE.

Language Lessons.—*Reading* in Supplementary Reader upon subjects of the oral lessons in this or in previous grades; *oral lessons* on the simple facts of natural philosophy; *compositions*; *spelling, meaning and use of words*, as before; exercises in the formation of derivative words; *English Grammar* (without text-book), continued.

History of the United States.—Through the Revolutionary War—class-reading in text-book and in historical Supplementary Reader. No home lessons to be given.

Geography.—General review, with special attention to the United States and Europe. Supplementary reading in geography.

Arithmetic.—Percentage, its application to ordinary business transactions which do not involve the consideration of time.

Penmanship.—Practice in different styles; letter-writing.

Form and Drawing.—*Drawing*—(Free-hand)—Historic vase, decorated; original pottery form, decorated; historic ornaments; original surface covering, not less than two different units to be used; original circular border; maps; working-sketches for shop-work. (Mechanical)—Simple graphic solutions of selected geometrical theorems, continued; working-drawings for shop-work. *Modeling*—Relief maps; simple forms for carving. *Shop-work*—Use of tools—add gouge, rip-saw, center-bit and hand-screws; cutting moldings, etc.; making joints—lap, scarf and miter.

Cooking.—Materials of the human body; tissues—waste of; repair of. Digestibility—cooking solid materials to prepare them for digestion. Nutritiveness—nutritive values of foods; palatability. Food elements—groups of—mineral; starch and sugar; fats; albuminoids. Related facts—physical and chemical; kinds of fuel; effects of heat on water—boiling points; temperatures of flames; physical effects of heat on albumen; on starch; on gluten, etc.; proper temperatures for various purposes; chemical effects of over-heating; principle and action of yeast-powders; of leaven; of yeast; important function of the sugar in flour. Utensils—their selection, use and preservation. Purchasing food—discrimination as to wholesome and unwholesome; choice of parts. The “germ theory”—applied to foods.

Practical exercises in cooking involving simple applications of facts and principles taught.

SECOND GRADE.

Language Lessons.—*Reading*—supplementary reading as before; *oral lessons* on the simple facts relating to air, water, light, heat and sound; *compositions*; *spelling, meaning and use of words*, as before; exercises in the formation of derivative words, continued; *English Grammar*—the construction of compound and complex sentences, with the view of teaching propriety of expression.

History of the United States.—Completed, with very brief outline of Federal, State and Municipal government; instruction as in Third Grade.

Arithmetic.—Interest and Discount; Simple Proportion.

Penmanship.—Paragraphs; business forms, such as bills, receipts, drafts, etc.; letter-writing, continued.

Form and Drawing.—*Drawing*—(Free-hand)—Original designs for industrial purposes; from the model—cube, square prism, square pyramid, cylinder and cone; working-sketches for shop-work. (Mechanical)—Working-drawings for shop-work.

Modeling—Simple forms for carving. *Shop-work*—Joints—dovetail, mortise.

Cooking.—As in Third Grade.

FIRST GRADE—FIRST YEAR.

a. For those desiring to enter the City or the Normal College.

English—Six hours per week. *Reading*—Standard authors, including poetry and fiction. *Elocution*—Selections of from 15 to 25 lines to be memorized and recited or declaimed, each pupil to deliver at least six selections during the year. *Words*—Meaning, use and spelling. *Compositions*—Including letter-writing, at least once each week. *Grammar*—Analysis of simple, complex and compound sentences continued. One exercise each week to be the criticism and correction of composition.

Arithmetic—(Written and mental)—4 hours per week. A review of the business arithmetic of the preceding grades; also, exchange, equation of payments, averaging accounts, partnership, mensuration, and square and cube roots.

Penmanship—One hour per week; paragraphs, business forms, letter-writing and business correspondence continued. One exercise each week to be the writing of compositions. Writing from dictation.

History of the United States—One hour per week; Historical Supplementary Readers.

Geography—One hour per week; Geographical Supplementary Readers.

Form and Drawing—One hour per week; (drawing free-hand) original designs for industrial purposes; historic ornaments; from the model—prism (hexagonal and octagonal;

groups of solids; working sketches for shop-work. *Mechanical*—Working drawings for shop-work.

The remaining time per week to be distributed at the discretion of the Principal.

b. For those not desiring to enter either of the Colleges.

English—Eight hours per week. *Reading*—The later American and English Standard authors in prose and verse, with short biographical sketches of the more important ones. *Elocution*—As in subdivision *a*. *Words*—As in subdivision *a*; synonyms—the discrimination of 40 sets whose meanings are frequently confused. *Composition*—As in subdivision *a*, with business correspondence. *Grammar*—Analysis and synthesis of sentences; the laws of syntax in connection with the criticism and correction of compositions.

Arithmetic—Two hours per week; as in subdivision *a*.

Book-keeping—One hour per week; details as prescribed by the Committee on Course of Study. Commercial terms, business forms and statements derived from trial balances.

Geometry—Three hours per week; Hill's, two books.

Civics—One hour per week; Dole's (by reading and talks).

Commercial Geography—One hour per week; Tilden's Commercial Geography, complete, excepting foot-notes.

History of the United States—One hour per week; by use of Supplementary Historical Readers.

Drawing—Two hours per week, as in subdivision *a*; also, mechanical—elements of architectural drawing.

FIRST GRADE—SECOND YEAR. SUPPLEMENTARY COURSE.

For those not desiring to enter either of the Colleges.

English—Eight hours per week. *Reading*—Earlier English authors (17th century) in prose and verse, with short biographical sketches of the more important ones. *Elocution*—As in subdivision *a*. *Compositions*—As before, and including critical essays on books read at home. *Words*—As before. *Grammar*—In connection with the reading and compositions, with study of style.

Book-keeping—Two hours per week ; details as prescribed by Committee on Course of Study.

Geometry—Three hours per week ; Hill's, Plane Geometry completed.

Physics—Two hours per week ; Shaw's.

History—General—One hour per week (text-books).

Phonography—Two hours per week ; details as prescribed by Committee on Course of Study.

Drawing—Two hours per week. Free-hand and mechanical, continued.

German or French—Two hours per week. Begun or continued.

LIMITATIONS OF FIRST-GRADE CLASSES.

The course prescribed in the three divisions of the first grade shall be taught in separate classes, and no class shall be formed in either division of the first grade with less than twenty-five pupils qualified to enter it, nor be continued after the end of any year in which the average monthly attendance shall fall below twenty. In all cases of schools which cannot maintain the three divisions of the first grade, the Committee on Course of Study and School Books shall have power to decide which division or divisions may be taught in any school, to the end that the system may be as uniform as possible throughout the city.

GENERAL DIRECTIONS RELATIVE TO INSTRUCTION IN THE SEVERAL GRADES OF THE GRAMMAR COURSE.

In the several grades, excepting the first, the minimum time for Language Lessons, per week, shall be four and half hours : Arithmetic, Grades 1 to 5, two and a half hours : Grades 6 to 8, three hours : Penmanship, two hours : Geography, Grades 3 to 5, one hour : Grades 6 to 8, 45 minutes : History, Grades 2 to 5, one hour : Form and Drawing, Grades 1 to 5, two hours : Grades 6 to 8, one and one-half hours : Shop-work, Grades 1 to 5, two hours : Sewing, Grades 4 to 8, one hour : Cooking, Grades 2 and 3, one hour.

The remaining time per week to be distributed at the discretion of the Principal.

Opening exercises, 15 minutes; noon intermission, 60 minutes.

Opening exercises to commence punctually at 9 o'clock A. M., and dismissal at 3 o'clock P. M.

No class exercise shall take place before 9 o'clock A. M., or after 3 o'clock P. M.

Reading.—In the reading lessons of each grade the pupils shall be required to state in their own language the subject-matter of the lesson. Supplementary readers shall not be taken home by pupils. Prose and verse recitations by the pupils in the schools shall be selected from books upon the supply list of the Board of Education.

Writing.—Use of Pencils and Pens. The pupils not to be allowed to use short pencils; in all the grades, particular attention to be given to the proper manner of holding the pen and pencil, and to the position at the desk. The exercises in each grade to be such as are required to give ease and rapidity, as well as accuracy in style. Black-board instruction to be given in each grade. Pupils of all the grades shall have dictation exercises at least once a week.

Composition.—Compositions shall be written once a week in all grammar classes, in presence of the teachers, upon subjects connected with the oral lessons of the grades, or upon subjects read and explained in the class-room; and these compositions shall be criticised and re-written. Home-work shall be limited to the First Grade.

Dictation and Correction of Language.—Exercises in writing sentences and paragraphs, from dictation, shall be given in each grade, and the pupils in all the grades shall be trained in the correction of language, and taught to avoid common errors in speech.

Arithmetic.—Rapid calculation in the simple rules of arithmetic should be practiced by all the pupils, from the lowest to the highest grade.

Singing.—Instruction in singing shall be given to the pupils

in every grade, except the first grade of boys, at least ten minutes each day. The music used shall be such as is found in the books contained in the supply list of the Board of Education.

Physical Training.—The pupils shall be exercised daily in such a manner as to expand the lungs, develop the muscles, and impart an easy and graceful carriage to the body. Calisthenic exercises shall be employed for the attainment of these objects.

Manners and Morals.—Such instruction should be given daily to the pupils of all the grades as will foster a spirit of mutual kindness and courtesy, a feeling of respect for their elders, of obedience to parents and teachers, and a love of cleanliness, order, law and truth.

Every proper opportunity should be taken to fix in the young mind an abhorrence of every form of brutality and cruelty, and to cultivate kindness to animals.

Sizes of Classes.—No class shall contain more than sixty pupils.

ANNUAL REPORT

OF THE SUPERINTENDENT OF SCHOOL BUILDINGS.

OFFICE OF THE SUPERINTENDENT OF SCHOOL BUILDINGS, }
December 31, 1895. }

To the Honorable the Board of Education:

I have the honor to submit the following report of the workings of this Bureau for the year ending December 31, 1895:

The whole number of contracts for new buildings, annexes, heating and ventilation, furnishing, repairs and sanitary work, plans and specifications for which were prepared in this office during the year of 1895, was 262, divided as follows:

		No. of Contracts.
A. New buildings and annexes to old buildings designed to furnish additional school accommodations	Expenditure met by issue of School-house Bonds.	2
B. Preparing Manual Training Rooms		1
C. Pianos for new buildings		5
D. Heating and ventilating new school buildings, annexes, etc.		8
E. Furnishing new school buildings, annexes, etc.		60
F. Repairs to old buildings	Expenditure met by regular Departmental Appropriation.	75
G. Alterations in and additions to the sanitary work of old buildings		18
H. New furniture and repairs to old furniture		44
J. Installation of Fire Alarm connection		15
K. Electric Lighting	Sanitary Bonds.	1
L. Alterations in and additions to the heating and ventilating apparatus of old buildings		33

The following details of the above work give the location of each site and school building, and the nature of the work done upon each:

A.

NEW BUILDINGS AND ANNEXES, DESIGNED TO FURNISH ADDITIONAL SCHOOL ACCOMMODATIONS.

	No. of Classrooms.	Gymnasium Manual Training Rooms, etc.	Amount of Contract.
12th Ward—New Building.—88th St., bet. 2d and 3d Aves.	40	-----	\$184,000
12th Ward—New Building.—119th St. and Madison Ave.	42	-----	190,000

Both of the foregoing buildings are being constructed according to the Laws of 1892, which provides that all school buildings of a height of over thirty five feet must be constructed of *fire-proof materials*, i. e., iron beams, brick or terra-cotta floor arches, etc. Primary School No. 42 is at present housed in a frame and brick building, situated upon the easterly portion of the site for the new building, and as there were no suitable accommodations obtainable in the neighborhood where the school could be held pending the erection of the new building, it was therefore necessary to proceed with the work by building the western half of the structure first, and upon its completion, which the contract provides shall be by March 19th, 1896, the present building occupied by the school will be removed, the children accommodated in the finished half, and the remainder of the structure erected as planned.

B.

	No. of Classrooms.	Amount of Contract.
23d Ward—Erecting Manual Training Rooms and improving lots, 138th St., near Willis Ave., adjoining G. S. No. 85	3	\$17,547

C.

PIANOS FOR NEW SCHOOL BUILDINGS.

	No. of Pianos.	Amount of Contract.
19th Ward—G. S. No. 96.—81st St. and Avenue A	3	\$870
12th Ward—G. S. No. 5.—140-141st Sts. and Edge- comb Ave.	3	840
12th Ward—G. S. No. 10.—117th St. and St. Nicholas Ave.	2	560
22d Ward—G. S. No. 9.—82d St. and West End Ave.	2	580
23d Ward—P. S. No. 33.—Fox, Simpson and 167th St.	1	290

D.

HEATING AND VENTILATING NEW SCHOOL BUILDINGS, ANNEX, ETC.

		No. Stories High.	No. Class- rooms.	
12th Ward.	G. S. No. 10, 117th street and St. Nicholas avenue,	5	45	\$29,784
	G. S., 119th street and Madison avenue,	5	45	39,185
13th "	G. S. No. 4 Annex, Rivington street, near Ridge street,	3	8	2,534
17th "	P. S. No. 22, 9th street and 1st avenue,	4	29	17,582
22d "	G. S. No. 9, 82d street and West End avenue,	5	33	31,762
	G. S. No. 87, 77th street and 10th avenue,	5	12	6,450
23d "	P. S. No. 33, Fox, Simpson and 167th streets,	2	8	3,433
24th "	G. S. No. 66, Church street, Kingsbridge,	4	1	11,946

G. S. No. 10 and G. S. No. 9 have included in their contracts for heating and ventilation a complete electric light equipment, it having been thought advisable to provide these large structures with perfect lighting facilities for Evening School and Lecture use.

G. S. Nos. 9, 10, 87, P. S. No. 22 and the new building at One Hundred and Nineteenth street and Madison avenue are venti-

lated by fans or blowers, run by steam or electricity. In the case of steam, the exhaust from the engines and pumps is used for heating the stacks, thus effecting a great degree of economy in the expenses of operation.

P. S. No. 22 is heated by hot water, which is forced throughout the pipes and radiators of the building by means of a pump, the exhaust from the operation of which being used to heat the water. This system is the only one of its kind we have thus far used in the schools, but it promises a great degree of economy in the expense of operation, and is also free from many objections which are urged against the use of steam, while, on the other hand, the complexity of the apparatus and the likelihood of great damage from frozen or leaking pipes might be urged as reasons against its use.

The apparent discrepancy between the cost of the heating and ventilating plant of the One Hundred and Nineteenth street and Madison avenue building and that of some of the other large schools is due to the fact that we were obliged to include in this contract several thousands of dollars' worth of sheet metal piping which heretofore had been placed in the builder's contract, as he had to build them into the walls, floors, etc., months before the steam-heating men could work about the building at all, the reason for the change being the strikes and long delays caused on our buildings through disagreements between the different branches of the labor unions who execute this part of the work.

G. S. No. 66, being a small building, is heated and ventilated by the gravity system, the natural uptake of the flues being reinforced by peculiarly constructed and arranged heating stacks placed therein.

The contract for G. S. No. 87 Annex also included the ventilation of the old building of thirty classrooms.

P. S. No. 33, being a small building, is heated and ventilated with combination steam and hot-air furnaces.

The subject of the proper ventilation of the various classrooms of our school buildings is of paramount importance, demanding careful and thorough investigation, presenting, as it does at all points problems to be solved, the most vital of

which being the determination of the manner in which the desired result can be accomplished in the most effective, and yet economic basis.

Until the past few years, this subject has received but little or no attention, save of the crudest kind; nevertheless inquiry proves conclusively that the practice of this country is far ahead of that of Europe in this important matter.

I have ascertained, in connection with the above, that Portugal, Russia, Denmark, Nova Scotia, and the school authorities of the City of London, Eng., have no prescribed standard for ventilation, while in Belgium, Holland, Italy, Greece and Switzerland there are requirements as to the size of rooms, window space, and seating capacity, varying greatly in each case; for instance, Switzerland demands that anywhere from 351 to 530 cubic feet of fresh air be given per pupil per hour, while Italy requires 425 to 710 cubic feet per pupil per hour.

With the apparatus which we are now installing in our new school-buildings, we are enabled to supply in each classroom 90,000 cubic feet of fresh air per hour for fifty (50) pupils, or 1,800 cubic feet per pupil per hour and could, if required, increase the supply. This standard was adopted after thorough consideration of the recommendations of the best authorities upon this subject, and conforms to the standard adopted by the Massachusetts District Police, and the American Society of Heating and Ventilating Engineers.

There are many days in this climate, when, owing to the dryness and clearness of the atmosphere, there is no necessity of supplying so great a quantity of fresh air to the classrooms, but, when there is a large amount of humidity suspended in the atmosphere, making the rooms close and stifling, the full allowance of dry air is absolutely requisite, to prevent the air of the rooms becoming offensive and detrimental to the health of the occupants. We are now negotiating for a portable apparatus that will measure, accurately, and quickly the percentage of carbonic acid gas contained in the air of the classrooms, which should not be in greater proportion than 6 parts carbonic acid gas in 10,000 of air, and which will enable us to regulate still more intelligently the supply of fresh air to the rooms.

FURNISHING NEW BUILDINGS, ADDITIONS, ETC., 1895.

11th Ward—G. S. No. 88 Annex:

Item 1—Chairs, mirrors, carpets, linoleum, Venetian blinds, umbrella stands and clocks . . .	\$538 00
Item 2—Bookcases, teachers' desks and tables, . . .	298 00
Item 3—Slates	336 90
Item 4—Desks and seats, combination	329 00
Item 5—Desks and seats, adjustable	2,365 00

12th Ward—G. S. No. 5:

Item 1—Clocks, platform chairs, couches, chairs, mirrors, carpets, shades, blinds and Principals' desks	1,000 00
Item 2—Teachers' and assistant teachers' desks, bookcases, tables, umbrella stands and flags . . .	926 00
Item 3—Slates	1,012 00
Item 4—Adjustable desks and seats	4,175 00
Item 5—Combination desks and seats	2,138 40

12th Ward—G. S. No. 10:

Item 1—Clocks, platform chairs, couches, chairs, mirrors, carpets, linoleum, Venetian blinds, shades and Principals' desks	1,998 00
Item 2—Teachers' and assistant teachers' desks, bookcases, tables, umbrella stands and flags . . .	820 00
Item 3—Slates	899 00
Item 4—Adjustable desks and seats	4,650 00
Item 5—Combination desks and seats	1,522 50

12th Ward—G. S. No. 43 Annex:

Item 1—Clocks, chairs, mirrors, carpets, linoleum, Venetian blinds and umbrella stands	622 50
Item 2—Bookcases, teachers' desks and tables	461 00
Item 3—Slates	597 00
Item 4—Desks and seats	2,516 67
Item 5—Flags, flagstaff, shelving, benches, tools, water heater, tables, closet and chairs	365 00

12th Ward—G. S. No. 57:

Item 1—Clocks, Venetian blinds, bookcases and teachers' desks	688 00
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Item 2—Slates	\$498 00
Item 3—Combination desks and seats	618 21
Item 4—Adjustable desks and seats	2,114 20
13th Ward—G. S. No. 4:	
Item 1—Clocks, chairs, Venetian blinds, bookcases and teachers' desks	457 20
Item 2—Slates	147 74
Item 3—Combination desks and seats	948 00
17th Ward—P. S. No. 22:	
Item 1—Clocks, platform chairs, couches, revolving chairs, mirrors, carpets, chairs, linoleum, shades, Principals', Trustees' and assistant teachers' desks, umbrella stands and flags	983 00
Item 2—Bookcases, teachers' desks and tables	438 00
Item 3—Slates	458 00
Item 4—Combination desks and seats	3,569 00
19th Ward—G. S. No. 96:	
Item 1—Clocks, platform chairs, couches, mirrors, chairs, carpets, linoleum, shades, Principals' and assistant teachers' desks, umbrella stands and flags	1,793 00
Item 2—Bookcases, teachers' desks and tables	1,560 00
Item 3—Slates	1,194 00
Item 4—Combination desks and seats	3,870 00
Item 5—Adjustable desks and seats	3,930 38
22d Ward—G. S. No. 9:	
Item 1—Clocks, platform chairs, couches, mirrors, chairs, carpets, linoleum, Venetian blinds, umbrella stands, bookcases, flags and tables	2,237 00
Item 2—Principals', teachers' and assistant teachers' desks, library cases and tables	700 00
Item 3—Slates	882 00
Item 4—Combination desks and seats	849 00
Item 5—Adjustable desks and seats	5,391 00
22d Ward—G. S. No. 58 Annex:	
Item 1—Clocks, carpets, Venetian blinds, umbrella stands, couches, mirrors, linoleum, flags,	

Trustees' desks, chairs, bookcases, teachers'	
desks and tables	\$1,474 00
• Item 2—Slates	167 00
Item 3—Combination desks and seats	2,876 00
Item 4—Adjustable desks and seats	752 00
22d Ward—G. S. No. 87 :	
Item 1—Clocks, carpets, Venetian blinds, umbrella stands, bookcases, teachers' desks and tables	747 00
Item 2—Slates	428 00
Item 3—Adjustable desks and seats	1,840 16
23d Ward—G. S. No. 60 :	
Item 1—Chairs, Venetian blinds, umbrella stands, clocks, bookcases and teachers' desks	333 00
Item 2—Slates	246 00
Item 3—Adjustable desks and seats	829 40
23d Ward—G. S. No. 85 :	
Fitting up Manual Training Rooms	1,155 00
23d Ward—P. S. No. 33 :	
Item 1—Clocks, platform chairs, couches, carpets, chairs, mirrors, shades, principals' desks, teachers' and assistant teachers' desks, umbrella stands, flagstaff, flags, bookcases and tables	573 00
Item 2—Slates	191 00
Item 3—Adjustable desks and seats	1,131 60
24th Ward—G. S. No. 66 :	
Item 1—Clocks, platform chairs, couches, mirrors, chairs, carpets, linoleum, shades, Venetian blinds, Principals' and assistant teachers' desks, umbrella stands and flags	860 00
Item 2—Bookcases, teachers' desks and tables	274 00
Item 3—Slates	297 00
Item 4—Combination desks and seats	274 00
Item 5—Adjustable desks and seats	119 00

In my annual report to this Board for the year 1894, I called attention to the fact that the matter of adjustable seats and

desks had reached a solid footing, and expressed the conviction that we should soon be able to procure an adjustable desk and seat, with a folding top and lifting seat, such as is so highly prized by all our New York Public School principals and teachers—much to the surprise of the principals and teachers of other cities.

This making of the standard New York study desk an adjustable one is now an accomplished fact, the cost being no greater than that of the old style. I have not yet given up hope—though 'tis four years since I first recommended it—of this Board being able to control its own style of furniture, through making and owning its own patterns, the manufacturing of furniture from which to be let by competitive bidding as is now done.

F.

REPAIRS TO BUILDINGS—SPECIAL, 1895.

2d Ward—P. S. No. 34—New front iron stairs, repairs, painting, etc.,	\$1,290 00
4th Ward—P. S. No. 14—Stone sidewalk; repairs to windows; and painting,	413 00
6th Ward—P. S. No. 2—New iron stairs; metal ceiling; new plumbing; doors; windows; concrete; and painting,	2,450 00
P. S. No. 8—New iron stairs; front doors; plastering; windows; painting, etc.,	1,450 00
7th Ward—G. S. No. 2—Repairs to stairs, platforms, bell work, and woodwork; and painting,	1,095 00
G. S. No. 12—Repairs to stairs, bell work, and all woodwork; and painting,	2,800 00
G. S. No. 31—Painting, varnishing, and repairs to stairs, woodwork, etc.,	1,056 00
P. S. No. 36—Repairs to woodwork, stairs, book cases, etc.; and painting,	800 00
8th Ward—G. S. No. 8—New floors, windows, alterations and painting,	614 00

8th Ward—G. S. No. 38—New gutters, windows; repairs to plastering; and painting, . . .	\$794 00
9th Ward—G. S. No. 3—New iron stairs; new plat- forms, floors, doors and windows; new metal ceilings; venetian blinds; and repairs to plastering, etc.; painting, . . .	3,785 00
G. S. No. 16—New partitions, floors and painting,	775 00
G. S. No. 41—New floors; iron stairs; wardrobes; and repairs to woodwork and plastering, etc.; painting, . . .	2,500 00
P. S. No. 13—New galleries; floors; plat- forms; ceilings; repairs to woodwork and partitions, etc.; painting, . . .	1,200 00
P. S. No. 24—New metal ceilings; iron stairs; foundations; new doorways; alterations, etc.; painting,	1,991 00
10th Ward—G. S. No. 20—New floors; doors; metal ceilings; wardrobes, and repairs to roof, plastering, etc.; painting, . . .	1,236 00
G. S. No. 42—Repairs to stairs and plas- tering; new floors; painting, . . .	474 00
G. S. No. 75—New floors; yard work; repairs to stairs, plastering, and doors, etc.; and painting,	1,291 00
P. S. No. 1—Repairs to roof; yard work; leaders; plastering, etc.; painting, . . .	855 00
11th Ward—G. S. No. 15—Two new iron stairs; new roof; windows; new floors; yard work; plastering, etc.; painting,	3,600 00
G. S. No. 22—New platforms; doors; partitions; bell work and painting, . . .	2,300 00
G. S. No. 71—New front steps and ves- tibules; new floors and stairs; and re- pairs to roofs, mason work, etc.; paint- ing,	1,641 00
G. S. No. 24—Mason work; partitions;	

	sliding doors; plumbing; painting; bell work; alterations, etc.,	\$2,570 00
12th Ward—	G. S. No. 37—Rebuild walls; asphalt cellar floors; new drains; stonework; plastering; repairs to floors, woodwork, etc.; and painting,	3,143 00
	G. S. No. 39—New floors; repairs to roofs, brickwork, woodwork, new plat- forms, partitions, etc.; painting,	1,263 00
	G. S. No. 46—Repairs to plastering, woodwork, stonework, etc.; painting,	934 00
	G. S. No. 68—New windows, and re- pairs to railings, pavements, stairs, yard work, cellar ceiling, etc.; paint- ing,	1,185 00
	G. S. No. 72—Repair roofs; leaders; stonework; plastering; glazing; wood- work; new doors, etc.; painting,	1,186 00
	G. S. No. 83—New floors; repairs to windows, woodwork, pavements, plas- tering, etc.; painting,	1,710 00
	G. S. No. 83—Fitting up annex for same,	2,385 00
	G. S. No. 86—Repairs to plastering, walls, roofs, etc.; painting,	1,500 00
	G. S. No. 89—Repairs to plastering, woodwork, etc.; painting,	1,450 00
	G. S. No. 93—Repairs to plastering, win- dows, etc.; painting,	800 00
	P. S. No. 3—Concreting playroom; new partition, etc.; painting,	800 00
13th Ward—	G. S. No. 4—New iron stairs; repair ceil- ings, plastering, brickwork, etc., and painting,	900 00
	G. S. No. 34—Brick and ironwork; new floors; metal ceilings; Venetian blinds; repairs to roofs, glazing, woodwork, etc.; painting,	1,597 00

13th Ward—P. S. No. 10—New floors, partitions, etc.;	
repair leaders, woodwork, plastering,	
etc.; painting,	\$797 00
P. S. No. 20—Repairs to pavements, lead-	
ers, storm doors, mason work, plastering,	
woodwork, etc.; painting,	858 00
P. S. No. 40—Concreting; repairs to stone	
work, woodwork; new floors; partitions;	
bell work, etc.; painting,	800 00
14th Ward—G. S. No. 21—New iron stairs and brick	
walls; metal ceilings; repair plastering,	
woodwork, bell work; new floors, etc.;	
painting,	6,000 00
P. S. No. 6—Repair mason and wood-	
work, stairs, windows, etc., and paint-	
ing,	846 00
P. S. No. 30—Repair plastering and	
woodwork, etc.; painting,	550 00
15th Ward—G. S. No. 35—Repair leaders, gutters,	
railings, plastering, woodwork, etc.;	
new floors; metal ceilings, etc.; paint-	
ing,	994 00
G. S. No. 47—New steps and floors; re-	
pairs to plastering, railings, etc.; repair	
roof and cornices, etc.; painting,	1,300 00
16th Ward—G. S. No. 11—New partitions, floors; yard	
work; repairs to stairs, plastering,	
woodwork, etc.; painting,	2,700 00
G. S. No. 56—New floors; moldings;	
repair plaster, wood and metal work	
throughout, etc.; painting,	1,800 00
17th Ward—G. S. No. 13—Metal ceilings; alterations;	
partitions; repair iron railings, wood-	
work, plastering, etc.; painting,	1,840 00
G. S. No. 79—Repairs to wood, plaster	
and mason work; alterations, etc.;	
painting,	1,840 00

18th Ward—G. S. No. 40—Repair wood and plaster work; ceilings, etc.; painting, . . .	610 00
G. S. No. 50—New iron stairs; mason work; new floors; new bell work; repairs to plastering, etc.; painting, . .	3,900 00
19th Ward—G. S. No. 59—New front doors; metal ceilings; repairing, etc., and painting, .	1,620 00
G. S. No. 70—New floors; repairs to mason work, roofs, woodwork, etc.; painting,	1,920 00
G. S. No. 73—New floors, steps, pavements; repair stone work, etc.; painting,	2,140 00
G. S. No. 74—Repair woodwork, bells, closets; new floors, etc.; painting, . .	1,793 00
G. S. No. 76—New steps; repair side-walks, cornices, roof, bells, etc.; painting,	1,212 00
G. S. No. 77—Repair railings; new floors and metal ceilings; repairs and painting,	1,699 00
G. S. No. 77—New iron stairs, etc., . .	728 00
G. S. No. 82—Repair roofs, leaders, metalwork, plastering; new floors; windows, etc.; painting,	1,731 00
P. S. No. 17—Stone flooring; yard work; kalsomining and bell work,	842 00
20th Ward—G. S. No. 26—Repair roofs, cornices, windows; new floors; Venetian blinds; repair plaster and woodwork; metal ceilings, etc.; painting,	2,669 00
G. S. No. 32—Repair brickwork, pavements; new floors; repair plastering, railings, etc., and painting,	2,525 00
G. S. No. 33—New floors, doors; repair roofs, cornices, mason work, railings, bells, etc.; painting,	1,131 00

20th Ward—G. S. No. 48—New floor; repair chimneys, railings, bells, woodwork, etc.; painting,	\$1,484 00
21st Ward—G. S. No. 14—New floors; repair doors, bells, plastering; new windows, etc., and painting,	2,071 00
G. S. No. 49—Repair roofs, brickwork, bells, wood and plaster, etc.; painting,	955 00
22d Ward—G. S. No. 17—Brickwork; new flooring; rebuilding walls; repairing to stone work, railings, woodwork, etc.; painting,	3,125 00
G. S. No. 94—Yard work; bell work and repairs to windows; painting,	410 00
23d Ward—G. S. No. 61—Repairs to doors, brick and stone work, leaders, bells; new metal ceilings, etc.,	1,749 00
G. S. No. 62—Repairs to pavements, doors, bells, etc.,	947 00
P. D. G. S. No. 60—Repairs to plaster- ing, woodwork, etc.; new doors, etc.; glazing and painting,	970 00
24th Ward—G. S. No. 64—Repairs, roof, plastering, walls, woodwork, etc.; painting,	1,265 00
G. S. No. 65—New drying room,	1,212 00
Newly Annexed District. { G. S. No. 97—Repairs to, etc., (To make the building safe.)	2,487 00
{ G. S. No. 101—Repairs to, etc., (To make the building safe.)	3,697 00
P. S. No. 18—Concreting and asphaltting basement,	394 00

The foregoing statement will give a very good idea of the work done in this line, for which there was made an appropriation of \$140,000. Much which could have been done, had the full amount asked for been granted, had, of necessity, to be left undone, those buildings which were most needy being first taken care of. There were also a very large number of repairs made

to many buildings from the same fund, the cost of which did not in any case exceed \$200, specifications for which had to be prepared and work supervised, none of which appear in the foregoing record.

We have made some satisfactory headway in getting additional light into some of the old school buildings. The cost in some cases, however, seems almost prohibitory, as, owing to the quality of the materials employed in their construction, we cannot put any weight upon them, but are obliged to carry it all from independent foundations, by means of iron columns and girders. Many of the schools are worth all it will cost; in fact, the matter should be provided for systematically from year to year, so that shortly there will not be a single dark class-room in a public school in this city.

Children attending day sessions in public schools are entitled to daylight, and not gas or electric light, or, what is worse, a dim or twilight, in which to attempt to pursue their studies.

Every building adjoining a school house, which in any way interferes with light or ventilation, should be acquired and removed—*at once*. If the Trustees of the Wards do not take it up, this Board should see that it is done. The cost would not be great—in fact, it would be trifling compared to the benefit to be derived, and the making inhabitable of school buildings which it would be much more economical to thus preserve and retain, than to abandon and build elsewhere.

I am in hopes that during the coming year I shall be able to provide my bureau with an instrument for determining the amount of light in any given place or space, as I desire to establish a standard for light in a class-room, and then, if possible, systematically improve the light in those that are deficient.

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G

SANITARY WORK—CHANGES AND REPAIRS OF, 1895.

4th Ward—P. S. No. 14—New closet for boys; new
main for water supply; area drains;
vault lights, etc., \$2,135 00
7th Ward—G. S. No. 31—New closet for boys; cook-

	ing range; hot water boiler; sink; wash trays; gasfitting; woodwork; painting, etc.,	\$1,940 00
9th Ward—G. S. No. 3—	New closet and urinals for Primary boys; new pavements in Primary boys' yard; ironwork; fence; new water main of 1½-inch AA lead pipe; yard drain; gasfitting; woodwork; painting, etc.,	2,049 00
10th Ward—G. S. No. 42—	New closets and urinals; iron and wood work; painting, etc.; water closets and cisterns throughout building, etc.; hot water boiler; bathtub; kitchen sink; cooking range; sink in cellar; reset hot air pump; pupils' drinking sink; concrete cellar floor; new floors in kitchen and bathroom; new 2-inch AA lead pipe water supply from street, etc.,	4,197 00
11th Ward—G. S. No. 22—	Repairs to closet for boys; syphon ranges and new urinals, etc.; painting,	3,209 00
	G. S. No. 36—New syphon rangess; concrete pavements; removing water closet for Primary boys; alterations, etc.,	818 00
12th Ward—G. S. No. 39—	New closets for pupils; fences; syphon ranges; urinals; new 2-inch AA lead pipe; water supply pipe; new drains; painting, etc.; ironwork; concreting yards; repairs to areas, etc.,	7,700 00
	G. S. No. 46—Six syphon attachments to ranges; repaired urinals, etc.,	1,074 00
	G. S. No. 72—New closets for pupils; concrete passageways; iron work; fences; leaders, etc.; new 2-inch AA lead pipe water supply from street; new water closet in cellar; gasfitting, etc.,	7,897 00

12th Ward—G. S. No. 95—New closet for boys; syphon ranges; urinals; new 1½-inch AA lead pipe water supply from street; yard drain; yard concreting, etc.,	\$2,200 00
P. S. No. 9—New closet for pupils, first story; also new closet and urinals on fifth story; new 6-inch drain; paint- ing, etc.; 3 drinking troughs; new 2- inch AA lead pipe from avenue, etc.,	5,100 00
P. S. No. 28—New closets and urinals in cellar; new 1½-inch AA lead supply pipe from street, etc.,	1,045 00
14th Ward—G. S. No. 21—New syphon ranges and urinals; new closet for teachers; con- crete pavements; repairs; painting, etc.,	2,325 00
19th Ward—G. S. No. 27—Pupils' new closet and urinals; 2-inch AA lead pipe for water supply from street; new closet for teachers; repaired concrete pavements, vault lights, gutters, etc.; new floors; painting, etc.,	3,819 00
G. S. No. 82—New closets for pupils; 3 syphon ranges; urinals; new 2-inch AA lead pipe water supply from street; concrete pavements; gasfitting; repair main drain; painting, etc.,	4,697 00
20th Ward—G. S. No. 26—New closets and urinals; new 2-inch AA lead pipe water supply from street; 3 new closets for teach- ers; sink in cellar; 1 new drinking sink in Primary girls' playroom; con- crete rear yard; painting, etc.,	4,780 00
G. S. No. 33—New closets and urinals for Primary boys, Primary and Grammar girls; concrete pavements and cellar; change all water supply lines; new	

water closet and bath in cellar ; new sewer ; new 2-inch AA lead pipe for water supply from street ; gasfitting ; repairs ; painting, etc.,	\$8,250 00
22d Ward—P. S. No. 41—New closets and urinals for pupils ; concrete pavement ; new main drain ; sink and hot water boiler refitted in kitchen ; connect and furnish new leaders, etc. ; 2-inch AA lead pipe for water supply from street ; repairs to pump ; 2 new drinking sinks ; gasfitting ; painting, etc.,	6,287 00

The above work is simply that provided for by contracts, there being, in addition, much that was done under the specifications prepared by and under the supervision of this office, the cost in any one case not exceeding \$200.

The application of syphons to those pupils' water closet ranges, which, owing to their faulty design, were absolutely worse than none has converted them at slight cost into perfect sanitary appliances, thus effecting a great saving of expense to the city.

We have made further progress with our improvements in plumbing appliances in our buildings, among which is a fresh air inlet which the boys cannot fill up with refuse, and a yard or cess-pool catch basin or grating which cannot be choked up by a floating piece of paper, or the ingenuousness of the boys, and which will drain the yards as fast as the water falls.

We have also devised a new attachment to the modeling troughs, whereby the waste clay is collected from the washings, and prevented from passing into and clogging the waste pipes and traps of the fixtures.

The urinal waste pipes have been improved by an attachment which prevents any overflow from same upon the floors of the closets, which has been a great source of annoyance and uncleanness.

H.

NEW FURNITURE—AND REPAIRS TO OLD, 1895.

5th Ward—P. S. No. 11—New furniture ; 2 rooms,	\$241 00
6th Ward—P. S. No. 2—New furniture ; main room ; second story ; 5 sliding-door slates,	289 52
P. S. No. 8—New furniture ; 2 rooms ; second story,	227 25
7th Ward—G. S. No. 2—New furniture ; 2 rooms ; third story,	358 00
G. S. No. 12—New furniture ; 4 rooms ; 2 slate blackboards and 2 sliding door slates,	582 00
P. S. No. 36—New furniture ; assembly room ; 10 teachers' desks,	695 00
8th Ward—G. S. No. 38—New furniture ; 5 rooms,	632 75
9th Ward—G. S. No. 16—New furniture ; assembly and 5 rooms ; 2 teachers' desks,	875 00
G. S. No. 41—New furniture ; 2 assembly and 3 rooms ; 5 teachers' desks,	740 00
11th Ward—G. S. No. 22—New furniture ; 4 rooms,	595 00
P. S. No. 31— “ “ 1 room ; main assembly room and 4 settees,	489 00
12th Ward—G. S. No. 37—New furniture ; 2 rooms ; 4 teachers' desks,	459 00
G. S. No. 39—New furniture ; 5 rooms ; 4 teachers' desks ; 1 assistant teacher's desk,	657 00
G. S. No. 83—New furniture ; 2 rooms ; 2 teachers' desks ; repairs to old fur- niture,	470 00
P. S. No. 9,	985 00
14th Ward—G. S. No. 21—New furniture ; 4 rooms ; repair old furniture ; 3 slates,	530 00
P. S. No. 6,	827 00
P. S. No. 30—New furniture ; 3 rooms ; repair old furniture,	355 00

15th Ward—G. S. No. 35,	\$299 00
G. S. No. 47—New furniture; 2 rooms; assembly room and 12 settees,	766 95
16th Ward—G. S. No. 11, Item 1—New furniture; 1 room; assembly room; 2 teachers' and 1 assistant teacher's desks; 1 slate blackboard,	347 00
G. S. No. 11, Item 2—New furniture; main room; fourth story; 13 settees,	482 00
G. S. No. 45—New furniture; main room; second story,	497 00
G. S. No. 55—New furniture; 2 rooms,	303 00
G. S. No. 55,	877 00
17th Ward—G. S. No. 13—New furniture; 5 rooms; 7 teachers' desks and 1 slate blackboard,	730 00
G. S. No. 79—New furniture; 3 rooms,	448 00
19th Ward—G. S. No. 59— “ “ 7 rooms; 19 teachers' desks; 4 slate blackboards,	1,187 00
G. S. No. 70—New furniture; 4 rooms; 3 assembly rooms; 7 teachers' desks and 18 chairs,	1,021 00
G. S. No. 77—New furniture; 2 rooms,	338 00
G. S. No. 82—New furniture; 2 rear assembly rooms; fourth story,	306 00
20th Ward—G. S. No. 26—New furniture; 2 rooms; 2 teachers' desks,	325 00
G. S. No. 32—New furniture; 2 rooms; 20 settees; 7 teachers' desks,	554 75
G. S. No. 33—New furniture; 6 rooms; 3 teachers' desks,	892 00
G. S. No. 48—New furniture; 4 rooms; 2 teachers' desks,	490 50
P. S. No. 27—New furniture; 4 rooms; 4 teachers' desks,	547 00
P. S. No. 27,	559 00
21st Ward—G. S. No. 14—New furniture; 1 room; 2 assembly rooms,	511 00

22d Ward—G. S. No. 28—New furniture; 3 rooms; 12 teachers' desks; 12 chairs . . .	\$588 00
G. S. No. 51—New furniture; 10 rooms; 10 teachers' desks; 3 slate blackboards; 10 chairs,	1,478 00
G. S. No. 69—New furniture; 9 rooms; 11 teachers' desks; 6 settees, . . .	2,208 00
23d Ward—G. S. No. 85, Item 1—New furniture; 2 rooms,	300 00
G. S. No. 85, Item 2—New furniture; 2 rooms,	279 00
24th Ward—G. S. No. 64—New furniture; 6 rooms; 9 slate blackboards; 7 teachers' desks, . . .	1,096 65

J.

CONNECTIONS FOR FIRE ALARM, 1895.

4th Ward—P. S. No. 12	} Bids rejected, being .	\$291 44
12th Ward—P. S. No. 28		338 85
7th Ward—G. S. No. 2,		475 00
9th Ward—G. S. No. 16,		347 23
11th Ward—G. S. No. 71,		430 12
12th Ward—G. S. No. 10,		271 03
G. S. No. 95,		480 45
13th Ward—P. S. No. 40,		177 46
17th Ward—G. S. No. 79,		168 76
P. S. No. 26,		230 00
18th Ward—P. S. No. 29,		583 00
22d Ward—G. S. No. 9,		234 20
G. S. No. 17,		296 00
G. S. No. 87,		286 80
P. S. No. 41,		479 50

The foregoing school buildings have, during the past year, been provided with apparatus and underground connection with the telegraph alarm system of the Fire Department of the City of New York, excepting the two noted as "excessive bids."

All the schools were primarily connected by overhead wires

with the Fire Department system, thereby affording the teachers the means of obtaining prompt aid in case of necessity. The removal of the overhead wires in a greater portion of the city, has obliged us to substitute subway connections with the Fire Department service.

K.

ELECTRIC LIGHTING, 1895.

10th Ward—G. S. No. 20, \$1,381 00

L.

HEATING AND VENTILATING APPARATUS—CHANGES AND REPAIRS OF, 1895.

6th Ward—G. S. No. 23—New radiators and coils, second story and fifth story, alterations and repairs, and reline furnaces, and repair valves, etc.,	\$1,553 00
7th Ward—G. S. No. 2—Rebuild furnaces, new grate bars, valves, repairs to coils, valves, pipes, etc.,	1,537 00
P. S. No. 36—Set boilers; new tubes, grate bars, valves, etc.; repack and repair valves, etc.; new coils, etc.,	1,573 00
10th Ward—G. S. No. 75—Entire heating and venti- lating apparatus (installed)	15,050 00
11th Ward—G. S. No. 15—Rebuild furnaces; new grate bars, valves, etc.; repairs,	585 00
12th Ward—G. S. No. 39 } Heating closets	
72 } “	
P. S. No. 9 } “ One contract	668 92
21 } “	
28 } “	
42 } “	
G. S. No. 68—New boiler tubes, grate bars, valves, etc.; brick work,	2,824 00
G. S. No. 72—Rebuild furnaces, new valves, mains, etc.; repairs, fitting,	2,225 00

12th Ward—G. S. No. 78—Reset boilers, reline furnaces, new grate bars, coils, brick- work, repairs, etc.,	\$2,092 00
G. S. No. 93—Alterations and additions to heating and ventilating apparatus, .	16,200 00
P. S. No. 28—Rebuild furnace; new grate bars and smokepipe; fitting, etc.,	1,009 00
13th Ward—G. S. No. 34—New boiler tubes; new setting, fronts, grate bars, new coils and piping, valves, etc.,	2,519 00
16th Ward—G. S. No. 55—New boiler, brickwork, coils, felting, woodwork and painting, .	3,463 00
17th Ward—G. S. No. 79—Two sets boiler tubes, reset 3 boilers, 3 sets grate bars, valves, radiators, etc.,	2,165 00
P. S. No. 26—Repairs to furnaces, new grate bars, coil, felting; alterations, etc.,	739 84
19th Ward—G. S. Nos. 6, 27, 82—Heating closets, .	343 00
G. S. No. 74—Reset boilers, new grate bars, valves, smokepipe, etc.,	1,090 00
G. S. No. 77—New boiler, brickwork, mains, etc.; new radiators, valves, felt- ing, etc.,	3,799 00
20th Ward—G. S. No. 48—New tubes, grate bars, feeders, etc.; repair pipes, etc., . . .	1,426 00
G. S. Nos. 26, 33—Heating closets, .	505 00
21st Ward—G. S. No. 14—New boiler, brickwork and fixtures, new chimney, repairs to mains, boilers, coils, etc.; felting, woodwork and painting,	5,244 00
22d Ward—G. S. No. 28—Repairs to furnaces, brick- work, valves, radiators, etc.,	689 00
G. S. No. 19—Repairs to furnaces, brick- work, coils, and chimney, etc., . . .	562 00
G. S. No. 80—New grate bars, repair	

	furnaces, reset boiler, and repair radiators, etc.,	\$1,414 00
22d Ward—G. S. No. 87—Alterations and additions to heating and ventilating apparatus, .	8,485 00	
G. S. No. 94—Rebuild furnaces, repair and repack valves, etc.; new radiators,	654 00	
P. S. No. 41—Reset boilers, repair and repack valves, etc.,	1,137 00	
P. S. No. 41—Heating closets,	227 00	
23d Ward—G. S. No. 85—Heating closets,	385 00	
G. S. No. 61—Rebuild furnaces, new grate bars; valves, repairs, etc. . . .	1,842 00	
G. S. No. 85—Rebuild furnaces, new grate bars; repairs to valves, coils, etc.,	1,036 00	
24th Ward—G. S. No. 64—Rebuild furnaces, new coils, valves, felting; painting, etc., .	1,105 00	
P. S. No. 46—Installation of heating and ventilating apparatus,	11,247 00	

The apportionment for the year, as set forth in the Budget, was expended for the small repairs to the apparatus of various schools, where the work was of so slight a character as not to warrant advertising the same.

IMPROVING GAS LIGHT FOR EVENING SCHOOL PURPOSES.

10th Ward—G. S. No. 75—Repairs to gas fixtures.	
11th Ward—G. S. No. 71— “ “ “	
12th Ward—G. S. No. 21—New lantern outside.	
G. S. No. 39—New gas fixtures, etc.	
G. S. No. 95— “ “ “	
18th Ward—G. S. No. 4—Gas fixtures.	
20th Ward—G. S. No. 26—New gas fixtures, repairs, etc.	

IMPROVING GAS LIGHTS FOR LECTURE PURPOSES.

4th Ward—P. S. No. 14—Repairs and alterations to gas fixtures.	
6th Ward—G. S. No. 23—Controlling cock fixtures, etc., new lantern outside.	

9th Ward—G. S. No. 3—Rebronze lantern, renew glass, and repairs.

10th Ward—G. S. No. 75—Gas fixtures, controlling cock, repairs, etc.

11th Ward—G. S. No. 15—New outside lights.

12th Ward—G. S. No. 5—Controlling cock, outside lanterns, fixtures, etc.

12th Ward—G. S. No. 10—Controlling cock, outside lanterns, fixtures, etc.

12th Ward—G. S. No. 54—New fixtures, gasfitting, controlling cock, etc.

12th Ward—G. S. No. 86—Outside lantern.

13th Ward—G. S. No. 92—Gas fixtures, controlling cocks, etc.

19th Ward—G. S. No. 27—Brackets and globes.

G. S. No. 74—Controlling cock.

G. S. No. 82—Gas fixtures, etc.

G. S. No. 96—Stop cock, valves, transparencies, etc.

20th Ward—G. S. No. 26—Controlling cock, gas fixtures, etc.

G. S. No. 33—Lantern, coupling, etc.

21st Ward—G. S. No. 14—Controlling cock, gas fixtures, etc.

22d Ward—G. S. No. 61—Globes, etc.

24th Ward—G. S. No. 64—Globes and torch stick.

G. S. No. 66—Gas fitting, stop. cocks, lamp, 3 transparencies, gas fixtures, etc.

THE FOLLOWING NEW SCHOOL BUILDINGS AND ADDITIONS WERE
COMPLETED DURING THE YEAR 1895.

11th Ward—Annex to G. S. 88—Rivington street, between Lewis and Cannon—Building authorized Dec. 20, 1893; twelve classrooms and will accommodate 720 pupils.

12th Ward—G. S. No. 5—One Hundred and Fortieth street, One Hundred and Forty-first street, and Edgecomb avenue—Building authorized Sept. 13, 1893; contains forty-eight classrooms and accommodates 2,880 pupils.

12th Ward—G. S. No. 10—One Hundred and Seventeenth street and St. Nicholas avenue — Building authorized Sept. 13, 1893; contains forty-five classrooms and accommodates 2,700 pupils.

G. S. No. 24—Corner Madison avenue and One Hundred and Twenty-fifth street (hired building). Contains eight classrooms and gives accommodations for 500 pupils.

Annex to G. S. No. 43—Corner of One Hundred and Twenty-ninth street and Amsterdam avenue — Building authorized Jan. 18, 1893; contains eighteen classrooms, also cooking and manual training rooms.

Annex to G. S. No. 57—One Hundred and Fifteenth street, between Third and Lexington avenues — Building authorized in 1894; contains fourteen classrooms and accommodations for 840 pupils.

13th Ward—Annex to G. S. No. 4—Corner of Rivington and Ridge streets— Building authorized June 20, 1894; contains eight rooms and accommodations for 480 pupils.

17th Ward—P. S. No. 22—Corner of Ninth street and First avenue — Building authorized Oct. 21, 1891; contains twenty-eight classrooms and accommodations for 2,000 pupils. This building was erected upon the old site, and, owing to inability to acquire the lot No. 154 First avenue, the school has but little yard space, which is to be greatly regretted.

19th Ward—G. S. No. 96—Corner of Eighty-first street and Avenue A — Building authorized April 20, 1892; contains forty-five classrooms and accommodations for 2,925 pupils.

Addition to P. S. No. 35—Fifty-first street and First avenue—Building contains Janitor's apartments and two kindergarten rooms.

22d Ward—Addition to G. S. No. 58—Fifty-second street, near Eighth avenue—Building authorized Dec. 20, 1893. This supplies six new classrooms, and enlarges six of the present rooms, giving accommodations for 520 extra pupils.

Addition to G. S. No. 87—Corner of Amsterdam avenue and Seventy-seventh street—Building authorized June 6, 1894; contains twelve classrooms, also gymnasium and library on fifth story. Accommodations for 780 pupils.

23d Ward—Addition to G. S. No. 60—One Hundred and Forty-fifth street and College avenue—Building authorized June 6, 1894; contains six classrooms and accommodations for 390 pupils.

P. S. No. 33—Corner of Fox, Simpson and One Hundred and Sixty-seventh streets—Building authorized June 6, 1894; contains eight classrooms and accommodations for 520 pupils.

24th Ward—G. S. No. 66—Corner of Church street and Weber's lane. Building authorized November 1, 1893; contains twenty-one classrooms and gives accommodations for 1,365 pupils.

WORK IS IN PROGRESS ON THE FOLLOWING NEW BUILDINGS, ADDITIONS, ETC., AND WILL BE COMPLETED DURING THE YEAR 1896.

12th Ward—New building, corner of One Hundred and Nineteenth street and Madison avenue—Building authorized March 5, 1895; will contain forty-two classrooms and furnish accommodations for 2,520 pupils.

New building, East Eighty-eighth street, between Second and Third avenues—Building authorized January 7, 1895; will contain forty classrooms and furnish accommodations for 2,400 pupils.

22d Ward—New building, G. S. No. 9, corner of Eighty-second street and West End avenue—Building au-

thorized February 17, 1892; will contain thirty-five classrooms and have accommodations for 2,100 pupils. The completion of this, which was delayed by labor strikes, will do away with the temporary building now occupying leased lots, at an annual cost of \$3,200.

- 23d Ward—Improving lot and erecting Manual Training Rooms, etc., at G. S. No. 85, One Hundred and Thirty-eighth street near Willis avenue. This work is practically completed.

ADDITIONAL SCHOOL ACCOMMODATIONS.

	Sittings.
11th Ward—Annex to G. S. No. 88, Rivington street, between Lewis and Cannon streets, . . .	740
12th Ward—G. S. No. 5, One Hundred and Fortieth street and Edgecomb avenue, . . .	2,880
G. S. No. 10, One Hundred and Seventeenth street and St. Nicholas avenue, . .	2,700
G. S. No. 24, One Hundred and Twenty-fifth street and Madison avenue, . . .	480
Annex to G. S. No. 43, Corner of One Hundred and Twenty-ninth street and Amsterdam avenue,	993
Annex to G. S. No. 57, One Hundred and Fifteenth street, between Third and Lexington avenues,	840
13th Ward—Annex to G. S. No. 4, corner of Rivington and Ridge streets,	452
17th Ward—P. S. No. 22, corner of Ninth street and First avenue,	1,767
19th Ward—G. S. No. 96, corner of Eighty-first street and Avenue A,	2,700
22d Ward—Addition to G. S. No. 58, Fifty-second street near Eighth avenue,	360
Addition to G. S. No. 87, corner of Amsterdam avenue and Seventy-seventh street,	742

23d Ward—Addition to G. S. No. 60, One Hundred and Forty-fifth street and College avenue, . . .	319
P. S. No. 33, corner of Fox, Simpson and One Hundred and Sixty-seventh streets, . . .	492
24th Ward—G. S. No. 66, corner of Church street and Weber's Lane,	1,260
	<hr/>
	16,725

Number of additional sittings furnished by rehiring
buildings, which were to be abandoned at the completion
of G. S. Nos. 5 and 10 (P. S. Nos. 19 and 23),

1,956

Total number of sittings,

18,681

As in several instances the schools were transferred from old school buildings, either owned by the city or hired, the leases of which had expired, the following deductions must be considered in relation to the foregoing table :

	No. of Sittings in Old Building.
Annex to G. S. No. 43, 10 rooms,	500
G. S. No. 57, 2 rooms,	300
G. S. No. 57, 4 rooms,	240
P. S. No. 22, 4 rooms,	500
G. S. No. 66, 10 rooms,	100
Arthur Hall,	
	<hr/>
	1,640

This will then give the net number of additional sittings furnished at 17,041.

WORK IN PREPARATION.

Additional school accommodations for 1896 will be furnished during the period from January 1, 1896, to January 1, 1897, by the completion of the following contracts for new buildings, ad-

ditions, etc., and also the necessary contracts for furnishing, heating and ventilating the same, which do not appear therein :

	Class-rooms.
New building corner 119th street and Madison avenue, .	42
“ “ 88th street between Second and Third avenues,	40
New building G. S. No. 9, corner 82d street and West End avenue,	35
	<hr/>
	117

From this total should be deducted 20 classrooms which will be abandoned in temporary or old buildings, and the children transferred to the new buildings as follows :

	Class-rooms.
G. S. No. 9 (temporary building), corner of 82d street and Boulevard,	9
P. S. No. 42, 88th street, between Second and Third avenues, pupils to be transferred to the new building, .	11
	<hr/>
Total number of rooms abandoned,	20

This will then give the net number of additional sittings, at the estimated number of 60 children to a classroom, as 5,820.

This great diminution of accommodations to be afforded during the coming year is due, in a great measure, to the delays to which we are unfortunately subjected in the matter of condemnation proceedings, which have prevented the prompt acquisition, by the Board, of the necessary sites for new buildings.

Thus at the beginning of the year 1895 we had fifteen new structures under way, while to-day there are only three buildings under construction and three sites in addition thereto available ; plans for the erection of buildings upon which being in such an advanced stage as will warrant me in stating that contracts for them will be let during the month of January, 1896.

Improvement has also been made in the plans for the erection of new schools through the methods of construction to be em-

ployed therein. The skeleton or bird cage form of steel framing for buildings, which has been so recently developed as a great time-saver in the erection and completion of business buildings, I find can be readily adopted for our needs, thus saving several months in the erection of a building, the increase of cost being but slight.

Decision has at last been given that pupils' wardrobes be placed in the corridors. This has required an increase in the area occupied by a building, hence an increase in the cost, but the gain in hygiene is so great that the additional expense is well warranted.

The following is a list of work now in preparation, bids for which will be advertised for early in 1896.

- 4th Ward—New building, Henry, Oliver and Catherine streets—size, 192 ft., 6 in. x 100 ft., 4 in.; forty-eight classrooms, one kindergarten, gymnasium, modeling rooms, etc., and roof playground, to accommodate G. S. No. 1 and P. S. No. 12, which are to be consolidated.
- 9th Ward—G. S. No. 16, No. 208 West Thirteenth street—Improve two lots, enclosed playroom and new yard and water closets, and improve building in interior.
- 10th Ward—Annex to G. S. No. 75, No. 37 Hester street—enclosed playground and roof playground. Plans will be advertised in a month.
- 12th Ward—Annex to G. S. No. 37, Nos. 108–110 East Eighty-eighth street—twelve classrooms, four manual training rooms. Plans and specifications ready to advertise in about a month.
- 20th Ward—G. S. No. 32, No. 357 West Thirty-fifth street—Improve lot and interior improvements.
- 23d Ward—New Building, St. Ann's avenue, between One hundred and Forty-seventh and One hundred and Forty-eighth streets—Size, 200 ft. x 125 ft. This building is to be built on the "skeleton"

or steel construction plan, and the work will be advertised early in January, 1896. Contains forty-eight classrooms, also manual training rooms, gymnasium, modeling room, kindergarten, etc.

24th Ward—New building, Mosholu Parkway, between Briggs and Bainbridge avenues—Size, 287x239.11, 231x139.2. Contains twenty-one classrooms, accommodations for 1,260 pupils.

24th Ward—Mt. Hope Place, Anthony and Tremont avenues—Size, 224 ft., 1 in. x 115 ft. Building will contain twenty-one classrooms, one culinary, two draughting rooms, two gymnasiums and one modeling room, and will afford accommodations for 1,260 pupils.

SITES ACQUIRED DURING THE YEAR 1895.

May 1st, Lot No. 268 Second street on west side of P. S. No. 31, 20 feet x 106 feet 2 inches.

May 20th, Lots Nos. 216 and 218 West Thirteenth street on west side of G. S. No. 16, 50 feet x 103 feet 3 inches.

August 14th, Lot No. 275 East Fourth street on east side of P. S. No. 5, 24 feet 9 inches x 93 feet 3 inches.

September 9th, New site on west side of St. Ann's avenue between One Hundred and Forty-seventh and One Hundred and Forty-eighth streets, 125 feet x 200 feet.

November 16th, Lot No. 511 West Thirty-seventh street on east side of P. S. No. 27, 25 feet x 98 feet 9 inches.

December 3d, New site of Mosholu Parkway, Briggs and Bainsbridge avenues, Bedford Park, 190 feet x 259 feet, av.

Respectfully,

C. B. J. SNYDER,

Superintendent of School Buildings.

COURSE OF FREE LECTURES.

FIRST COURSE, 1895.

GRAMMAR SCHOOL No. 3—Ninth Ward—488 Hudson Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10.....	Europe on Fifty Cents a Day.....	Mr. Lee Meriwether.
" 14.....	Australia—Past and Present.....	Mr. E. F. Farrington.
" 17.....	Thomas Jefferson.....	Mr. Wm. G. McGuckin.
" 21.....	Giant Sun and His Family.....	Miss Mary Proctor.
" 24.....	Story of Science.....	Dr. T. O'Connor Sloane.
" 28.....	Popular Government in Colonial Times.....	Mr. H. P. Johnston.
" 31.....	Our Old Navy.....	Mr. Henry W. Raymond.
February 4.....	Popular Government and the Struggle for Independence.....	Mr. H. P. Johnston.
" 7.....	Our New Navy.....	Mr. Henry W. Raymond.
" 11.....	Popular Government in Our National Period.....	Mr. H. P. Johnston.
" 14.....	Guns, Armor and Torpedoes.....	Mr. Henry W. Raymond.
" 18.....	Emergencies, And How to Meet Them.....	Mr. H. P. Johnston.
" 21.....	Life in the Arctic Regions.....	Dr. J. G. Coyle.
" 25.....	Woman Before the Law.....	Dr. F. A. Cook.
" 28.....	New Things We Have Learned About Africa.....	Miss Kate E. Hogan.
March 4.....	Life in the Navy.....	Mr. Cyrus C. Adams.
" 7.....	Japan.....	Mr. C. G. Herndon.
" 11.....	Fire, How to Prevent and How to Extinguish It.....	Mr. H. B. Lewis.
" 14.....	The House We Live In.....	Mr. H. A. Mott.
" 18.....	Paris.....	Mr. F. A. Lyons.
" 21.....	Common School of England, Scotland and Germany.....	Mr. F. Gaylord.
" 25.....	Italy, The Land and the People.....	Mr. E. H. Shaw.
" 28.....	Germany.....	Mr. Chas. Sprague Smith.
		Mr. James Bowie.

GRAMMAR SCHOOL No. 15—Eleventh Ward—728 Fifth Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10	Life in the Arctic Regions	Dr. F. A. Cook.
" 14	Historic Nooks of Old England	Mr. Thomas P. Hughes.
" 17	The Art of Glass Making	Mr. Wm. Mitchell.
" 21	First Aid to the Injured	Dr. H. A. Plympton.
" 24	Burns and Scotland	Mr. Chas. H. Govan.
" 28	Thomas Jefferson	Mr. Wm. G. McGuckin.
" 31	The Trolley	Mr. F. N. Pederson.
February 4	Julius Caesar	Mr. Adolph Cohn.
" 7	Our Sun and Other Suns	Mr. Garret P. Serviss.
" 11	Girls Wanted	Mrs. A. E. Connor.
" 14	Napoleon	Mr. H. A. Monroe.
" 18	Story of Science	Dr. T. O'Connor Sloane.
" 21	Japan	Mr. H. B. Lewis.
" 25	Oxygen.	Mr. W. M. Frisbie.
" 28	Germany	Mr. James Bowie.
March 4	A Tale of Two Cities	Miss Ida Benfey.
" 7	Venice	Mr. J. L. Hurlbut.
" 11	The Empire State	Mr. J. H. Van Gelder.
" 14	Switzerland	Mr. H. E. Northrop.
" 18	Turning Points in the Civil War	Mr. Rossiter Johnson.
" 21	New Things We Have Learned About Africa	Mr. Cyrus C. Adams.
" 25	How to Study Nature in a City	Mr. D. M. Laven.
" 28	World's Fair, Machinery, Electricity and Manufacturers	Mr. G. H. Payson.

GRAMMAR SCHOOL No. 23—Sixth Ward—Cor. Mulberry and Bayard Streets.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10	Germany	Mr. James Bowie.
" 14	Napoleon	Mr. Adolph Cohn.
" 17	Japan	Mr. H. B. Lewis.
" 21	The House We Live In	Dr. F. A. Lyons.
" 24	New Things We Have Learned about Africa	Mr. C. C. Adams.
" 28	Log of a Wandering Naturalist in the Tropics	Mr. E. Murray Aaron.
" 31	Sherman's March to the Sea	Mr. J. A. Goulden.
February 4	Touring Europe on Next to Nothing	Mr. J. Perry Worden.
" 7	From Feudalism to Federal Union	Mr. S. M. Fuerst.
" 11	The Days of '76	Mr. S. M. Fuerst.
" 14	Giant Sun and His Family	Miss Mary Proctor.
" 18	Modern Greece	Dr. Clarence H. Young.
" 21	Oxygen	Mr. W. M. Frisbie.
" 25	Napoleon	Mr. H. A. Monroe.
" 28	First Aid to the Injured	Dr. H. A. Plympton.
March 4	Paris	Mr. F. Gaylord.
" 7	Story of Science	Dr. T. O'Connor Sloane.
" 11	The Art of Glass Making	Mr. Wm. Mitchell.
" 14	Some Curiosities of Music	Miss Kate S. Chittenden.
" 18	Sandwich Islands	Mr. H. E. Carter.
" 21	Australia: Past and Present	Mr. E. F. Farrington.
" 25	History of Labor	Mr. W. H. Tolman.
" 28	Burns and Scotland	Mr. Chas. H. Govan.

GRAMMAR SCHOOL No. 27—Nineteenth Ward—206 East Forty-second Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10.....	Modern Greece.....	Mr. Clarence A. Young.
" 14.....	Europe on Fifty cents a day.....	Mr. Lee Meriwether.
" 17.....	Turkey.....	Mr. Robert Mezger.
" 21.....	Oxygen.....	Mr. W. M. Frisbie.
" 24.....	House we live in or the Human Body.....	Dr. F. A. Lyons.
" 28.....	Holland.....	Mr. W. E. Griffiths.
" 31.....	Our Sun and other Suns.....	Mr. Garret P. Serviss.
February 4.....	The Postal Service of the U. S.....	Mr. Thomas L. James.
" 7.....	Tale of Two Cities.....	Miss Ida Benfey.
" 11.....	Goethe.....	Mr. H. H. Boyesen.
" 14.....	Germany.....	Mr. James Bowie.
" 18.....	India.....	Dr. Thos. P. Hughes.
" 21.....	Colds, their Preventions and Cures.....	Mr. Wendell C. Phillips.
" 25.....	What is Evolution.....	Dr. H. Griffing.
" 28.....	The World's Fair, Machinery, Electricity and Manufacture.....	Mr. G. H. Payson.
March 4.....	Venice.....	Mr. J. L. Hurlbut.
" 7.....	Common Schools of England, Scotland and Germany.....	Mr. E. R. Shaw.
" 11.....	Italy, the land and the people.....	Mr. Charles Sprague Smith.
" 14.....	Debt of the Nineteenth Century to Egypt.....	Mr. W. H. Goodyear.
" 18.....	The Study of Social Economics.....	Mr. A. B. Woodford.
" 21.....	Debt of the Nineteenth Century to Greece.....	Mr. W. H. Goodyear.
" 25.....	Money and the law of prices.....	Mr. A. B. Woodford.
" 28.....	Debt of the Nineteenth Century to Rome.....	Mr. W. H. Goodyear.

GRAMMAR SCHOOL No. 29—Albany and Carlisle Streets.

1895.	SUBJECT OF LECTURE.	LECTURER.
February 4	Germany	Mr. James Bowie.
" 7	The World's Fair, The Court of Honor	Mr. G. H. Payson.
" 11	The World's Fair, Woman's Government and Building	Dr. G. M. Major.
" 14	The World's Fair, Machinery, Electricity and Manufactures	Mr. G. H. Payson.
" 18	Some Curiosities of Music	Miss Kate S. Chittenden.
" 21	The House We Live In	Dr. F. A. Lyons.
" 25	Italy, The Land and The People	Mr. Chas. S. Smith.
" 28	Emergencies and How to Meet Them	Dr. J. G. Coyle.
March 4	Colds, Their Prevention and Cure	Dr. Wendell C. Phillips.
" 7	Switzerland	Mr. H. E. Northrop.
" 11	New Things We Have Learned About Africa	Mr. C. C. Adams.
" 14	How to Take Care of the Eyes	Dr. J. Osgood Tansley.
" 18	Japan and the Japanese	Mr. Frank R. Roberson.
" 21	Life in the Navy	Mr. George C. Herndon.
" 25	The Empire State	Mr. J. H. Van Gelder.
" 28	Prairie, Mountain and Shore	Mr. Charles M. Skinner.

GRAMMAR SCHOOL No. 33—Twentieth Ward—418 W. Twenty-eighth Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10	House We Live In	Dr. F. A. Lyon.
" 14	Girls Wanted	Mrs. E. A. Connor.
" 17	Electricity and Magnetism	Mr. Max Osterberg.
" 21	Burns and Scotland	Mr. Chas. H. Govan.
" 24	Electricity and Magnetism, No. 2, Current Elect. and Elect. Mag.	Mr. Max Osterberg.
" 28	Glimpses of India	Mr. Thos. P. Hughes.
" 31	Electricity and Magnetism, Dynamo and Motor	Mr. Max Osterberg.
February 4	Masterpieces of Art	Mr. A. T. Van Lear.
" 7	Electricity and Magnetism, The Electric Railway	Mr. Max Osterberg.
" 11	Giant Sun and His Family	Miss Mary Proctor.
" 14	The Days of '76	Mr. S. N. Fuerst.
" 18	Germany	Mr. James Bowie.
" 21	Life of a Naturalist in the Tropics	Mr. E. M. Aaron.
" 25	Australia, Past and Present	Mr. E. F. Farrington.
" 28	Empire State	Mr. J. H. Van Gelder.
March 4	Japan	Mr. H. B. Lewis.
" 7	Our Sun and other Suns	Mr. Garret P. Serviss.
" 11	The Past in the Present	Mr. Barnet Phillips.
" 14	Touring Europe on next to nothing	Mr. J. Perry Worden.
" 18	Thomas Jefferson	Mr. Wm. G. McGuckin.
" 21	Switzerland	Mr. H. E. Northrop.
" 25	Fire, How to Prevent and How to Extinguish It	Mr. H. A. Mott.
" 28	Julius Caesar	Mr. Adolph Cohn.

PRIMARY SCHOOL No. 35—First Avenue and 51st Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
February 14	Switzerland	Mr. H. E. Northrop.
" 18	Prairie, Mountain and Shore	Mr. Chas. M. Skinner.
" 21	Goethe	Mr. H. H. Boyesen.
" 25	Life in the Arctic Regions	Dr. F. A. Cook.
" 28	Days of '76	Mr. S. M. Fuerst.
March 4	India	Mr. Thos. P. Hughes.
" 7	Electricity and Magnetism	Mr. Max Osterberg.
" 11	Japan	Mr. H. B. Lewis.
" 14	Electricity and Magnetism	Mr. Max Osterberg.
" 18	New Things We Have Learned about Africa	Mr. C. C. Adams.
" 21	Electricity and Magnetism No. 3	Mr. Max Osterberg.
" 25	First Aid to the Injured	Mr. H. A. Plympton.
" 28	The Electric Railway, etc.; being 4 in the series on Electricity and Magnetism	Mr. Max Osterberg.

GRAMMAR SCHOOL No. 51—Twenty-second Ward—523 West Forty-fourth Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10.....	The Empire State.....	Mr. J. H. Van Gelder.
" 14.....	Fire; How to Prevent and How to Extinguish it.....	Dr. H. A. Mott.
" 17.....	Europe on Fifty Cents a Day.....	Mr. Lee Meriwether.
" 21.....	World's Fair No. 5; Machinery, Electricity and Manufactures.....	Mr. G. H. Payson.
" 24.....	World's Fair No. 6; Woman's, Government and Art Buildings.....	Dr. G. M. Major.
" 28.....	Emergencies and How to Meet Them.....	Dr. J. G. Coyle.
" 31.....	1. Popular Government in Colonial Times.....	Mr. H. P. Johnston.
February 4.....	The Story of Science.....	Dr. T. O'Connor Sloane.
" 7.....	2. Popular Government and the Struggle for Independence.....	Mr. H. P. Johnston.
" 11.....	Italy; The Land and the People.....	Mr. Chas. Sprague Smith.
" 14.....	Popular Government in our National Period.....	Mr. H. P. Johnston.
" 18.....	Log of a Wandering Naturalist in the Tropics.....	Dr. E. M. Aaron.
" 21.....	Civil War.....	Mr. Cephas Brainerd, Jr.
" 25.....	Giant Sun and His Family.....	Miss Mary Proctor.
" 28.....	Japan and the Japanese.....	Mr. Frank R. Roberson.
March 4.....	Thomas Jefferson.....	Mr. Wm. G. McGuckin.
" 7.....	House We Live in.....	Dr. F. A. Lyons.
" 11.....	Woman Before the Law.....	Miss Kate E. Hogan.
" 14.....	Colds, Their Prevention and Cure.....	Mr. Wendell C. Phillips.
" 18.....	What is Evolution.....	Mr. H. Griffing.
" 21.....	The Trolley.....	Mr. F. N. Pederson.
" 25.....	Log of a Wandering Naturalist in the Tropics.....	Mr. E. M. Aaron.
" 28.....	Modern Greece.....	Mr. Clarence H. Young.

GRAMMAR SCHOOL No. 64—2436 Webster Avenue, Fordham.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10.....	New Things We Have Learned about Africa.....	Mr. Cyrus C. Adams.
" 14.....	Emergencies and How to Meet Them.....	Dr. J. G. Coyle.
" 17.....	Life in the Navy.....	Mr. C. G. Herndon.
" 21.....	History of Labor.....	Dr. W. H. Tolman.
" 24.....	Europe on Fifty Cents a Day.....	Mr. Lee Meriwether.
" 28.....	World's Fair No. 5; Machines, Electricity and Manufactures.....	Mr. G. H. Payson.
" 31.....	Colds, Their Prevention and Treatment.....	Dr. Wendell C. Phillips.
February 4.....	Italy; The Land and the People.....	Mr. Chas Sprague Smith.
" 7.....	World's Fair No. 6; Woman's, Government and Art Buildings.....	Dr. G. M. Major.
" 11.....	The House We Live in.....	Dr. F. A. Lyons.
" 14.....	Sandwich Islands.....	Mr. H. C. Carter.
" 18.....	The Art of Photography.....	Mr. A. D. Fisk.
" 21.....	Life and Scenes in Siam.....	Mr. David B. Sickels.
" 25.....	An Evening in China.....	Mr. A. C. Maclay.
" 28.....	India.....	Dr. Thos. P. Hughes.
March 4.....	Japan and the Japanese.....	Mr. Frank R. Roberson.
" 7.....	Modern Greece.....	Mr. Clarence H. Young.
" 11.....	Switzerland.....	Mr. H. E. Northrop.
" 14.....	Story of Science.....	Dr. T. O'Connor Sloane.
" 18.....	Burns and Scotland.....	Mr. Chas. H. Govan.
" 21.....	Touring Europe on Next to Nothing.....	Mr. J. Perry Worden.
" 25.....	Germany.....	Mr. James Bowie.
" 28.....	The Trolley.....	Mr. F. N. Pederson.

GRAMMAR SCHOOL No. 82—Nineteenth Ward—Seventieth Street and First Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10	Italy : The Land and the People	Mr. S. C. Smith.
" 14	World's Fair, No. 5: Machinery, Electricity, and Manufactures	Mr. G. H. Payson.
" 17	The Trolley	Mr. F. N. Pederson.
" 21	World's Fair, No. 6: Woman's Government and Art Building	Mr. G. M. Major.
" 24	Fire: How to Prevent and How to Extinguish It	Mr. H. A. Mott.
" 28	Switzerland	Mr. H. E. Northrop.
" 31	First Aid to the Injured	Dr. A. H. Plympton.
February 4	The Empire State	Mr. J. H. Van Gelder.
" 7	Europe on Fifty Cents a Day	Mr. Lee Meriwether.
" 11	The Mechanics of Every Day Life	Mr. E. R. Von Nardroff.
" 14	Sherman's March to the Sea	Mr. J. A. Goulden.
" 18	The Mechanics of the Atmosphere	Mr. E. R. Von Nardroff.
" 21	Amusements in Ancient Rome	Mr. Chas. Knapp.
" 25	Touring Europe on Next to Nothing	Mr. J. Perry Worden.
" 28	Julius Caesar	Mr. Adolph Cohn.
March 4	Masterpieces of Art.	Mr. A. T. Van Lear.
" 7	Egyptian Temple, Karnak	Mr. A. D. F. Hamlin.
" 11	Napoleon	Mr. H. A. Monroe.
" 14	Greek Temple, The Parthenon	Mr. A. D. F. Hamlin.
" 18	Japan	Mr. H. B. Lewis.
" 21	Roman Temple, The Pantheon.	Mr. A. D. F. Hamlin.
" 25	China and Chinese	Mr. Frank R. Roberson.
" 28	The Mediaeval Cathedral	Mr. A. D. F. Hamlin.

GRAMMAR SCHOOL No. 86—Twelfth Ward—Ninety-sixth Street and Lexington Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10	Switzerland	Mr. H. E. Northrop.
" 14	Light, Nature and Behavior of Light	Mr. Wm. Hallock.
" 17	2. Light, Mirrors and Lenses	Mr. Wm. Hallock.
" 21	3. Light, the Eye and the Microscope	Mr. Wm. Hallock.
" 24	4. Light, The Spectroscope and Telescope	Mr. Wm. Hallock.
" 28	Europe on Fifty Cents a Day	Mr. Lee Meriwether.
" 31	Australia, Past and Present	Mr. E. F. Farrington.
February 4	Turkey	Mr. Robert Mezger.
" 7	What is Our Standard of Living	Mr. F. H. Giddings.
" 11	Life in the Arctic Regions	Dr. F. A. Cook.
" 14	Colds, Their Prevention and Treatment	Dr. W. C. Phillips.
" 18	The Sandwich Islands	Mr. H. C. Carter.
" 21	Popular Government in Colonial Times	Mr. H. P. Johnston.
" 25	Napoleon at St. Helena	Mr. J. P. McKnight.
" 28	Popular Government and the Struggle for Independence	Mr. H. P. Johnston.
March 4	Germany	Mr. James Bowie.
" 7	Popular Government in Our National Period	Mr. H. P. Johnston.
" 11	Japan and the Japanese	Mr. Frank R. Roberson.
" 14	Tale of Two Cities	Miss Ida Benfey.
" 18	Evening in Old China	Mr. A. C. MacIsay.
" 21	World's Fair, Machinery, Electricity and Manufactures	Mr. G. H. Payson.
" 25	The Past in the Present	Mr. Barnet Phillips.
" 28	Foods, and their Relation to the Human Economy	Mr. Max Rosenberg.

GRAMMAR SCHOOL No. 87—Twenty-second Ward—Seventy-seventh Street and Amsterdam Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10	Historic Nooks of Old England	Mr. Thomas P. Hughes.
" 14	Mechanics of Every Day Life	Mr. E. R. Von Nardroff.
" 17	Burns and Scotland	Mr. Chas. H. Goran.
" 21	Mechanics of the Atmosphere	Mr. E. R. Von Nardroff.
" 24	The Story of the Newspaper	Mr. E. J. Edwards.
" 28	Italy, the Land and the People	Mr. Chas. Sprague Smith.
" 31	Europe on Fifty Cents a Day	Mr. Lee Melwether.
February 4	The History of Labor	Dr. W. H. Tolman.
" 7	Thomas Jefferson	Mr. Wm. G. McGuckin.
" 11	World's Fair, No. 5	Mr. G. H. Payson.
" 14	World's Fair, No. 6	Mr. G. M. Major.
" 18	Civil War	Mr. Cephas Brainerd, Jr.
" 21	The Empire State	Mr. J. H. Van Gelder.
" 25	The Eye, and How to Take Care of It	Dr. J. O. Tansley.
" 28	Switzerland	Mr. H. E. Northrop.
March 4	Log of a Wondering Naturalist in the Tropics	Dr. E. M. Aaron.
" 7	Life in the Arctic Regions	Dr. F. A. Cook.
" 11	Days of '76	Mr. S. M. Fuerst.
" 14	New Things We Have Learned About Africa	Mr. C. C. Adams.
" 18	How to Study Nature in a City	Mr. D. McLaren.
" 21	Our Sun and Other Suns	Mr. Garret P. Serviss.
" 25	Japan	Mr. H. B. Lewis.
" 28	The House We Live In	Mr. F. A. Lyons.

HEBREW INSTITUTE—Seventh Ward—197 East Broadway.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10	Debt of the Nineteenth Century to Egypt	Mr. W. H. Goodyear.
" 14	Napoleon.	Dr. H. A. Monroe.
" 17	Debt of the Nineteenth Century to Greece	Mr. W. H. Goodyear.
" 21	Log of a Wandering Naturalist in the Tropics	Mr. E. M. Aaron.
" 24	Debt of the Nineteenth Century to Rome	Mr. W. H. Goodyear.
" 28	Oxygen	Mr. W. M. Frisbie.
" 31	The Empire State	Mr. J. H. Van Gelder.
February 4	Europe on Fifty Cents a day	Mr. Lee Meriwether.
" 7	Life in the Arctic Regions	Dr. F. A. Cook.
" 11	Sherman's March to the Sea	Mr. J. A. Goulden.
" 14	Japan	Mr. H. B. Lewis.
" 18	Nuremberg	Mr. J. F. Hopkins.
" 21	A Tale of Two Cities	Miss Ida Benfey.
" 25	Goethe	Mr. H. H. Boyesen.
" 28	Venice	Mr. J. L. Hurlbut.
March 4	Girls Wanted	Mrs. E. A. Connor.
" 7	Giant Sun and her Family	Miss May Proctor.
" 11	Japan and Corea	Mr. W. E. Griffiths.
" 14	Huns and Scotland	Mr. Chas. H. Goran.
" 18	Mechanics of Every Day Life	Mr. E. R. Von Nardroff.
" 21	Masterpieces of Art	Mr. A. T. Van Lear.
" 25	The Mechanics of the Atmosphere	Mr. E. R. Von Nardroff.
" 28	Ourselves as Others See Us	Mr. Alexander Black.

COOPER INSTITUTE, Eighth Street and Third Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 5.....	The Development and Growth of a Naval Force.....	Mr. Henry W. Raymond.
" 12.....	Japan and the Eastern War.....	Mr. W. Eliot Griffiths.
" 19.....	Europe on Fifty Cents a day.....	Mr. Lee Meriwether.
" 26.....	Some Curiosities of Music.....	Miss Kate S. Chittenden.
February 2.....	Colds, their Prevention and Treatment.....	Dr. W. C. Phillips.
" 9.....	Germany.....	Mr. James Bowie.
" 16.....	Burns and Scotland.....	Mr. Chas. H. Govan.
" 23.....	New Things we have Learned about Africa.....	Mr. C. C. Adams.
March 2.....	The House we Live In.....	Dr. F. A. Lyons.
" 9.....	Napoleon Bonaparte, the Soldier, the Statesman, the Man.....	Mr. A. S. Bacon.
" 16.....	The World's Fair, Machinery, Electricity and Manufacture.....	Mr. G. H. Payson.
" 23.....	Debt of the Nineteenth Century to Egypt.....	Mr. W. H. Goodyear.
" 30.....	Benjamin Franklin.....	Dr. Henry M. Leipziger.

MUSEUM OF NATURAL HISTORY, 77th Street and 8th Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
March 19.....	Broad Leafed Trees.....	Mr. Alfred S. Bickmore.
" 26.....	Coniferous Trees and Palms.....	Mr. Alfred S. Bickmore.

MELROSE LYCEUM—Twenty-third Ward—150th Street and Third Ave.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10	Napoleon.	Mr. J. P. McKnight.
" 14	Goethe.	Mr. H. H. Boyesen.
" 17	Switzerland.	Mr. H. E. Northrop.
" 21	The Story of Newspaper.	Mr. E. J. Edwards.
" 24	Japan.	Mr. H. B. Lewis.
" 28	The Mechanics of Every Day Life.	Mr. E. R. Von Nardroff.
" 31	The House we Live In.	Dr. F. A. Lyons.
February 4	Mechanics of the Atmosphere.	Mr. E. R. Von Nardroff.
" 7	Germany.	Mr. James Bowie.
" 11	China.	Mr. A. C. Maclay.
" 14	Italy, the Land and the People.	Mr. Chas. Sprague Smith.
" 18	Thomas Jefferson.	Mr. Wm. G. McGuckin.
" 21	The Trolley.	Mr. F. N. Pederson.
" 25	Girls Wanted.	Mrs. E. A. Connor.
" 28	Paris.	Mr. F. Gaylord.
March 4	Turning points of the Civil War.	Mr. Rossiter Johnson.
" 7	The Amusements in Ancient Rome.	Mr. Chas. Knapp.
" 11	Do we want a Gold Standard.	Mr. A. H. Day.
" 14	Asiatic Manners and Customs.	Mr. George Donaldson.
" 18	Do we want an Elastic Currency.	Mr. A. H. Day.
" 21	Nuremberg.	Mr. J. F. Hopkins.
" 25	Oxygen.	Mr. W. H. Frisbie.
" 28	Napoleon.	Mr. H. A. Monroe.

MADISON HALL—Twelfth Ward—125th Street and Madison Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
January 10.....	Our Old Navy.....	Mr. Henry W. Raymond.
“ 14.....	The Tale of Two Cities.....	Miss Ida Benfey.
“ 17.....	The New Navy; No. 2 of series.....	Mr. Henry W. Raymond.
“ 21.....	Europe on Fifty Cents a Day.....	Mr. Lee Meriwether.
“ 24.....	Guns, Armor and Torpedoes.....	Mr. Henry W. Raymond.
“ 28.....	No Lecture.....	
“ 31.....	No Lecture.....	
February 4.....	World's Fair No. 5; Machinery, Electricity and Manufactures.....	Mr. G. H. Payson.
“ 8.....	World's Fair No. 6.....	Dr. G. M. Major.
“ 11.....	Nuremberg.....	Mr. J. F. Hopkins.
“ 14.....	What is our Standard of Living.....	Prof. F. H. Giddings.
“ 18.....	Science of the Weather.....	Mr. E. B. Dunn.
“ 21.....	Modern Greece.....	Dr. Clarence H. Young.
“ 25.....	Asiatic Manners and Customs.....	Mr. Geo. Donaldson.
“ 28.....	Life in the Arctic Regions.....	Dr. F. A. Cook.
March 4.....	The Mechanics of Every Day Life.....	Mr. E. R. Von Nardroff.
“ 7.....	The Days of '76.....	Mr. S. M. Fuerst.
“ 11.....	The Mechanics of the Atmosphere.....	Mr. E. R. Von Nardroff.
“ 14.....	Japan.....	Mr. H. B. Lewis.
“ 18.....	Growth of Public Spirit in the U. S.....	Mr. W. H. McElroy.
“ 21.....	China and the Chinese.....	Mr. Frank R. Roberson.
“ 25.....	Turning Point in the Civil War.....	Mr. Rossiter Johnson.
“ 28.....	The Empire State.....	Mr. J. H. Van Gelder.

SECOND COURSE, 1895.
GRAMMAR SCHOOL No. 3—Ninth Ward—488 Hudson Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28.....	The Log of a Wandering Naturalist in the Tropics.....	Dr. E. M. Aaron.
" 31.....	China and the Chinese.....	Mr. D. H. Stoddard.
November 4.....	Election Laws; Party Organizations and Methods.....	Dr. Albert A. Bird.
" 7.....	The Court of Queen Elizabeth.....	Mr. G. F. Greene.
" 11.....	Microbes, and How They Work.....	Mr. S. A. Krom.
" 14.....	Masterpieces of Art.....	Mr. A. T. Van Lear.
" 18.....	Municipal Government.....	Dr. Albert A. Bird.
" 21.....	Burns and Scotland.....	Mr. Chas. H. Govan.
" 25.....	The Five Senses of Man.....	Dr. H. A. Mott.
" 28.....	The City and University of Oxford.....	Mr. Alfred M. Collet.
December 2.....	General Government.....	Dr. Albert A. Bird.
" 5.....	Christiania, the Capital of Norway.....	Mr. John B. Uhle.
" 9.....	The Brick and Pottery Industries of the U. S.....	Mr. H. Ries.
" 12.....	Shakespeare and His Times.....	Mr. A. V. W. Jackson.
" 16.....	Our Civil Service and Its Reform.....	Dr. Albert A. Bird.

GRAMMAR SCHOOL No. 5—141st Street and Edgecombe Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	Colds, Their Prevention and Treatment	Dr. W. C. Phillips.
" 31	Paris	Mr. F. Gaylord.
November 4	The House We Live in	Dr. F. A. Lyons.
" 7	Prairie, Mountain and Shore	Mr. Chas. M. Skinner.
" 11	Emergencies, and How to Meet Them	Dr. J. G. Coyle.
" 14	The Care of the Eyes	Dr. J. Oseroff Tansley.
" 18	New Things We Have Learned about Africa	Mr. Cyrus C. Adams.
" 21	The River Thames	Mr. James Bowle.
" 25	From Lexington to Yorktown	Mr. Geo. C. Lay.
" 28	Nuremberg	Mr. J. F. Hopkins.
December 2	Thomas Jefferson	Mr. W. G. McGuckin.
" 5	Venice	Mr. J. L. Hurlbut.
" 9	Daniel Webster	Mr. Cephas Brainerd, Jr.
" 12	The Mining Regions about the Great Lakes	Mr. Theo. G. White.
" 16	Andrew Jackson	Mr. H. A. Cushing.

GRAMMAR SCHOOL No. 10—One Hundred and Seventeenth Street and St. Nicholas Ave.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	Asiatic Manners and Customs	Mr. Geo. Donaldson.
" 31	The House We Live In	Dr. F. A. Lyons.
November 4	An Evening in China	Mr. A. C. Maclay.
" 7	The Care of the Eyes	Dr. Chas. H. May.
" 11	Women Before the Law	Miss Kate E. Hogan.
" 14	Japan	Mr. Shiroski Tada.
" 18	The Romance of a Nation	Mr. Monroe Royce.
" 21	Through the Heart of Asia	Mr. T. G. Allen.
" 25	The Ways and Means of '76	Mr. S. M. Fuerst.
" 28	New Things We Have Learned About Africa	Mr. C. C. Adams.
December 2	Men and Women of '76	Mr. S. M. Fuerst.
" 5	Imperial Berlin and other German Cities	Mr. H. E. Northrop.
" 9	Giant Sun and His Family	Miss Mary Proctor.
" 12	The Five Senses	Dr. H. A. Mott.
" 16	Glimpse at the History of Architecture	Mr. G. T. Snelling.

GRAMMAR SCHOOL No. 14--225 East Twenty-seventh Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28.	Spain : The Land and the People	Mr. Chas. Sprague Smith.
" 31.	The Ways and Means of '76	Mr. S. M. Fuerst.
November 4.	Imperial Berlin, and other German Cities	Mr. H. E. Northrop.
" 7.	Men and Women of '76	Mr. S. M. Fuerst.
" 11.	Asiatic Manners and Customs	Mr. George Donaldson.
" 14.	Thomas Jefferson	Mr. Wm. G. McGuckin.
" 18.	Japan and the Japanese	Mr. Frank R. Roberson.
" 21.	The Civil War	Mr. Cephas Brainerd, Jr.
" 25.	The Social and the Domestic Life of the Chinese	Miss A. M. Fielde.
" 28.	Andrew Jackson	Mr. H. A. Cushing.
December 2.	The Moslem World	Dr. T. P. Hughes.
" 5.	Sherman's March to the Sea	Hon. J. A. Goulden.
" 9.	New Things We Have Learned About Africa	Mr. C. C. Adams.
" 12.	First Aid to the Injured	Dr. H. A. Plympton.
" 16.	Prairie, Mountain and Shore	Mr. Chas. M. Skinner.

PRIMARY SCHOOL No. 14—73 Oliver Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
November 7	The House we Live In	Dr. F. A. Lyons.
" 11	The World's Fair, Agriculture and Forestry	Mr. G. H. Payson.
" 14	Colds, their Prevention and Treatment	Dr. W. C. Phillips.
" 18	The World's Fair, Machinery, Electricity and Manufactures	Mr. G. H. Payson.
" 21	Emergencies, and how to meet them	Dr. J. G. Coyle.
" 25	Through the Heart of Asia	Mr. Thos. G. Allen.
" 28	The Care of the Teeth	Dr. Victor C. Bell.
December 2	Ireland	Mr. Thomas Douglas.
" 5	Care of the Eyes	J. Osecroft Tansley.
" 9	Cathedrals of Europe	Mr. Thomas H. Cummings.
" 12	An Evening in China	Mr. A. C. MacLay.
" 16	Beautiful Hawaii	Capt. H. E. W. Campbell.

GRAMMAR SCHOOL No. 15—Eleventh Ward—728 East Fifth Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	Paris.....	Mr. F. Gaylord.
" 31	Iron and Steel Ship Building.....	Mr. L. C. Elson.
November 4	Les Miserables.....	Miss Ida Benfey.
" 7	The Wild Flowers in and about New York City.....	Mr. C. Van Brunt.
" 11	Foods, and their relation to the Human Economy.....	Dr. Max Rosenberg.
" 14	The Ballad.....	Miss Fanny G. Levy.
" 18	The History of Labor.....	Dr. W. H. Tolman.
" 21	Pictures from Hindoo Life.....	Mr. G. W. Thomsen.
" 25	Patriotic Songs and War Songs.....	Miss Kate S. Chittenden.
" 28	Norway.....	Mr. Frank R. Roberson.
December 2	The Land of the Shamrock.....	Mr. L. H. Van Gassebeck.
" 5	The Progress of the Telegraph.....	Mr. M. H. Kerner.
" 9	Postal Service of the U. S.....	Hon. Thos. James.
" 12	Lime in Nature and Art.....	Mr. Henry G. Schneider.
" 16	Nuremberg.....	Mr. J. F. Hopkins.

GRAMMAR SCHOOL No. 23—Sixth Ward—Mulberry and Bayard Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	Scotland	Mr. W. T. Dorward.
" 31	Life in the Arctic Regions	Dr. F. A. Cook.
November 4	Niagara	Mr. T. C. McClelland.
" 7	Beautiful Hawaii	Capt. H. E. W. Campbell.
" 11	A Glimpse at the History of Architecture	Mr. G. T. Snelling.
" 14	Lime in Nature and Art	Mr. Henry G. Schneider.
" 18	The Mining Region about the Great Lakes	Mr. T. G. White.
" 21	Foods, and their relation to the Human Economy	Dr. Max Rosenberg.
" 25	The Republic, San Marino.	Mr. G. Monroe Royce.
" 28	Emergencies and how to meet them	Dr. J. G. Coyle.
December 2	The Court of Queen Elizabeth	G. F. Greene.
" 5	Girls Wanted	Mrs. E. A. Connor.
" 9	Imperial Berlin and other German Cities	Mr. H. E. Northrop.
" 12	Colds, their Prevention and Treatment	Dr. W. C. Phillips.
" 16	The Care of Babies.	Dr. Nathan Oppenheim.

GRAMMAR SCHOOL No. 26—124 West Thirtieth Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 26.....	Nuremberg.....	Mr. F. A. Hopkins.
November 2.....	Athens, Ancient and Modern.....	Dr. C. A. Young.
" 9.....	Christiana, the Capital of Norway.....	Mr. John B. Uhle.
" 16.....	Scotland.....	Mr. W. Dorward.
" 23.....	Westminster Abbey.....	Miss Lucy R. Bliss.
" 30.....	The Mining Regions around the Great Lakes.....	Mr. T. G. White.
December 7.....	Life in the Arctic Regions.....	Dr. F. A. Cook.
" 14.....	Prairie, Mountain and Shore.....	Mr. Chas. M. Skinner.

GRAMMAR SCHOOL No. 27—Nineteenth Ward—206 East Forty-second Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	The Moslem World.....	Dr. Thomas P. Hughes.
" 31	Small Builders in the Great Oceans.....	Mr. Stephen Helm.
November 4	Nuremberg.....	Mr. J. F. Hopkins.
" 7	The Birth of the Rocky Mountains.....	Dr. J. L. Wortman.
" 11	Life in Mexico.....	Mr. William Niven.
" 14	Giant Sun and His Family.....	Miss Mary Proctor.
" 18	The Brick and Pottery Industries of the U. S.....	Mr. Heinrich Ries.
" 21	The Louisburg Expedition.....	Hon. E. P. Wheeler.
" 25	Half a Century a Wheel.....	Mr. John B. Uhle.
" 28	Light and Color.....	Mr. E. R. Von Nardroff.
December 2	The Social and Domestic Life of the Chinese.....	Miss A. M. Fiedle.
" 5	Sound and Music.....	Mr. E. R. Von Nardroff.
" 9	Magnetism.....	Mr. W. H. Freedman.
" 12	Japan.....	Mr. H. B. Lewis.
" 16	What Electricity Can Do.....	Mr. W. H. Freedman.

GRAMMAR SCHOOL No. 29—Albany and Carlisle Streets.

1885.		SUBJECT OF LECTURE.	LECTURER.
October	28	River Thames (England)	Mr. James Bowie.
"	31	Our Old Navy	Mr. Henry W. Raymond.
November	4	How to Prevent Strikes	Mr. Edward King.
"	7	Our New Navy	Mr. Henry W. Raymond.
"	11	Beautiful Hawaii	Capt. H. E. W. Campbell.
"	14	Light and Color	Mr. E. R. Von Nardroff.
"	18	Burns and Scotland	Mr. C. H. Govan.
"	21	Sound and Music	Mr. E. R. Von Nardroff.
"	25	Venice	Mr. J. L. Hurlbut.
"	28	Patriotic Songs and War Songs.	Miss Kate S. Chittenden.
December	2	Imperial Berlin and other German Cities	Mr. H. E. Northrop.
"	5	Touring Europe on Next to Nothing	Mr. J. Perry Worden.
"	9	China and the Chinese.	Mr. Frank R. Roberson.
"	12	Oxygen	Mr. W. M. Frisbie.
"	16	The Wild Flowers in and about New York City	Mr. C. Van Brunt.

GRAMMAR SCHOOL No. 33—Twentieth Ward—418 West Twenty-eighth Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28.....	Our Old Navy.....	Mr. H. W. Raymond.
" 31.....	The Ballad.....	Miss Fanny G. Levy.
November 4.....	Our New Navy.....	Mr. H. W. Raymond.
" 7.....	From Lexington to Yorktown.....	Mr. George C. Lay.
" 11.....	Madison and the War of 1812.....	Mr. J. P. Davis.
" 14.....	The River Thames.....	Mr. James Bowle.
" 18.....	Polk and the Mexican War.....	Mr. J. P. Davis.
" 21.....	The Story of Science.....	Dr. T. O'Connor Sloane.
" 25.....	Lincoln and the Civil War.....	Mr. J. P. Davis.
" 28.....	Life in Mexico.....	Mr. Wm. Niven.
December 2.....	Progress of the Telegraph.....	Mr. M. H. Kerner.
" 5.....	A Ride with Kit Carson.....	Col. G. D. Brewerton.
" 9.....	Napoleon.....	Mr. H. A. Monroe.
" 12.....	Turning Points in the Civil War.....	Mr. R. Johnson.
" 16.....	A Greenland Summer.....	Mr. H. L. Bridgman.

PRIMARY SCHOOL No. 35—First Avenue and Fifty-first Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	The Mining Regions about the Great Lakes	Mr. Theo. G. White.
" 31	The River Thames	Mr. James Bowie.
November 4	Shakespeare's Youth	Mr. H. B. Sprague.
" 7	The Great Northern Country	Mr. W. A. McAndrew.
" 11	Shakespeare's Matchlock and Sword	Mr. H. B. Sprague.
" 14	The Log of a Wandering Naturalist in the Tropics	Dr. E. Murray Aaron.
" 18	Shakespeare's Wand and Scepter	Mr. H. B. Sprague.
" 21	The Birth of the Rocky Mountains	Dr. J. L. Wortman.
" 25	How to Prevent Strikes	Mr. Edward King.
" 28	The World's Fair: Agriculture and Forestry	Mr. G. H. Payson.
December 2	The House We Live In	Dr. F. A. Lyons.
" 5	The World's Fair: Machinery, Electricity and Manufactures	Mr. G. H. Payson.
" 9	Emergencies and How to Meet Them	Dr. J. G. Coyle.
" 12	The Care of the Eyes	Dr. J. Oscroft Tansley.
" 16	Colds: Their Prevention and Treatment	Dr. W. C. Phillips.

GRAMMAR SCHOOL No. 51—Twenty-second Ward—523 West Forty-fourth Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28.....	Napoleon at St. Helena.....	Mr. J. P. McKnight.
" 31.....	The Social and Domestic Life of the Chinese.....	Miss A. M. Fielde.
November 4.....	Japan.....	Mr. Shiroski Tada.
" 7.....	The Amusements of the Ancient Romans.....	Mr. Chas. Knapp.
" 11.....	Andrew Jackson.....	Mr. H. A. Cushing.
" 14.....	Les Miserables.....	Miss Ida Benfey.
" 18.....	The Debt of the Nineteenth Century to Egypt.....	Mr. Wm. H. Goodyear.
" 21.....	Turning Points in the Civil War.....	Mr. Rossiter Johnson.
" 25.....	The Debt of the Nineteenth Century to Greece.....	Mr. Wm. H. Goodyear.
" 28.....	Iron and Steel Ship Building.....	Mr. L. C. Elson.
December 2.....	Debt of the Nineteenth Century to Rome.....	Mr. Wm. H. Goodyear.
" 5.....	Asiatic Manners and Customs.....	Mr. George Donaldson.
" 9.....	A Greenland Summer.....	Mr. H. L. Bridgman.
" 12.....	The Plains of the Orinoco.....	Miss H. Louise Stevens.
" 16.....	Napoleon.....	Mr. H. A. Monroe.

GRAMMAR SCHOOL No. 54—One Hundred and Fourth Street and Amsterdam Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	The House We Live In	Dr. F. A. Lyons.
" 31	Venice	Mr. J. L. Hurlbut.
November 4	The Care of the Eyes	Dr. Chas. H. May.
" 7	Italy : The Land and the People	Mr. Chas. Sprague Smith.
" 11	First Aid to the Injured	Dr. H. A. Plympton.
" 14	Athens : Ancient and Modern	Dr. Clarence A. Young.
" 18	Colds : Their Prevention and Treatment	Dr. Wendell C. Phillips.
" 21	A Ride with Kit Carson	Col. G. D. Brewerton.
" 25	An American in Egypt	Mr. Wm. W. Ellsworth.
" 28	The Camera and Its Relations to Civilization	Palmer Heath Lyon.
December 2	Oxygen	Mr. W. M. Frisbie.
" 5	Magnetism	Mr. W. H. Freedman.
" 9	Iron and Steel Ship Building	Mr. L. C. Elson.
" 12	What Electricity Can Do	Mr. W. H. Freedman.
" 16	Through the Heart of Asia	Mr. T. G. Allen, Jr.

GRAMMAR SCHOOL No. 64—2436 Webster Avenue, Fordham.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	The Great Northern Country	Mr. W. A. McAndrew.
" 31	From Lexington to Yorktown	Mr. George C. Lay.
November 4	The Log of a Wandering Naturalist in the Tropics	Dr. E. M. Aaron.
" 7	China and the Chinese	Mr. L. H. Stoddard.
" 11	Daniel Webster	Mr. Cephas Brainerd, Jr.
" 14	Small Builders in the Great Ocean	Mr. Stephen Helm.
" 18	Sherman's March to the Sea	Hon. J. A. Goulden.
" 21	Niagara on Tap	Mr. T. C. Martin.
" 25	The Navy in the Civil War	Capt. B. S. Osbon.
" 28	Paris	Mr. F. Gaylord.
December 2	The Care of the Eyes	Dr. Chas. H. May.
" 5	Athens: Ancient and Modern	Mr. Clarence A. Young.
" 9	Napoleon at St. Helena	Mr. J. P. McKnight.
" 12	Giant Sun and His Family	Miss Mary Proctor.
" 16	Venice	Mr. J. L. Hurlbut.

GRAMMAR SCHOOL No. 66—Kingsbridge.

1895.	SUBJECT OF LECTURE.	LECTURER.
November 11	The Log of a Wandering Naturalist in the Tropics	Dr. E. M. Aaron.
" 14	Pictures from Hindoo Life.	Mr. G. W. Thomsen.
" 18	Through the Heart of Asia.	Mr. Thos. G. Allen, Jr.
" 21	Arizona.	Dr. Thomas Darlington, Jr.
" 25	The Brick and Pottery Industries of the U. S.	Mr. Heinrich Ries.
" 28	Scotland	Mr. W. T. Dorward.
December 2	Cathedrals of Europe	Mr. J. T. Cummings.
" 5	The Science of the Weather.	Mr. E. B. Dunn.
" 9	Ireland	Mr. Thomas Douglas.
" 12	Nuremberg	Mr. J. F. Hopkins.
" 16	Oxygen	Mr. W. M. Frisbie.

GRAMMAR SCHOOL No. 74—220 East Sixty-third Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 26.....	Spain, the Land and the People.....	Mr. Chas. Sprague Smith.
November 2.....	Switzerland.....	Mr. H. E. Northrop.
“ 9.....	University and City of Oxford.....	Mr. A. M. Collet.
“ 16.....	Germany.....	Mr. James Bowie.
“ 23.....	The Great Northern Country.....	Mr. W. A. McAndrew.
“ 30.....	Niagara on Tap.....	Mr. T. C. Martin.
December 7.....	Arizona.....	Dr. Thomas Darlington, Jr.
“ 14.....	Mexico.....	Mr. William Niven.

GRAMMAR SCHOOL No. 75—25 Norfolk Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 26.....	Pictures from Hindoo Life.....	Mr. Geo. N. Thomssen.
November 2.....	The House we Live In.....	Dr. F. A. Lyons.
“ 9.....	Asiatic Manners and Customs.....	George Donaldson.
“ 16.....	Colds, their Prevention and Treatment.....	Dr. W. C. Phillips.
“ 23.....	An Evening in China.....	Mr. A. C. MacLay.
“ 30.....	Norway.....	Mr. Frank R. Roberson.
December 7.....	Westminster Abbey.....	Miss Lucy R. Bliss.
“ 14.....	Japan.....	Mr. H. B. Lewis.

GRAMMAR SCHOOL No. 82—Nineteenth Ward—70th Street and First Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	The City and University of Oxford	Mr. Alfred M. Collet.
" 31	Light and Color	Mr. E. R. Von Nardroff.
November 4	Life in Mexico	Mr. Wm. Niven.
" 7	Sound and Music	Mr. E. R. Von Nardroff.
" 11	Niagara	Mr. T. C. McClelland.
" 14	Magnetism	Mr. W. H. Freedman.
" 18	The Great Northern Country	Mr. W. A. McAndrew.
" 21	What Electricity Can Do	Mr. W. H. Freedman.
" 25	Athens, Ancient and Modern	Dr. C. A. Young.
" 28	The Care of the Eyes	Dr. Chas. H. May.
December 7	Venice	Mr. J. L. Hurlbut.
" 5	Care of Babies	Dr. N. Oppenheim.
" 9	Christiana, the Capital of Norway	Mr. John B. Uhle.
" 12	Paris	Mr. F. Gaylord.
" 16	The Moslem World	Dr. Thomas P. Hughes.

GRAMMAR SCHOOL No. 86—Twelfth Ward—96th Street and Lexington Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	The Egyptian Temple, Karnak	Prof. A. D. F. Hamlin.
" 31	Masterpieces of Art	Mr. A. T. Van Lear.
November 4	The Greek Temple; The Parthenon	Prof. A. D. F. Hamlin.
" 7	Daniel Webster	Mr. Cephas Brainerd, Jr.
" 11	Roman Temple; The Pantheon	Prof. A. D. F. Hamlin.
" 14	Andrew Jackson	Mr. H. A. Cushing.
" 18	The Mediaeval Cathedral, Notre Dame de Paris	Prof. A. D. F. Hamlin.
" 21	The Navy in the Civil War	Capt. B. S. Osbon.
" 25	Paris	Mr. F. Gaylord.
" 28	The River Thames	Mr. James Bowie.
December 2	Microbes and How They Work	Mr. S. A. Krom.
" 5	Plautus of the Orinoco	Miss H. Louise Stevens.
" 9	Les Miserables	Miss Ida Benfey.
" 12	Pictures from Hindoo Life	Mr. George N. Thomssen.
" 16	From Lexington to Yorktown	Mr. Geo. C. Lay.

GRAMMAR SCHOOL No. 82—Nineteenth Ward—70th Street and First Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	The City and University of Oxford.....	Mr. Alfred M. Collet.
" 31	Light and Color.....	Mr. E. R. Von Nardroff.
November 4	Life in Mexico.....	Mr. Wm. Niven.
" 7	Sound and Music.....	Mr. E. R. Von Nardroff.
" 11	Niagara.....	Mr. T. C. McClelland.
" 14	Magnetism.....	Mr. W. H. Freedman.
" 18	The Great Northern Country.....	Mr. W. A. McAndrew.
" 21	What Electricity Can Do.....	Mr. W. H. Freedman.
" 25	Athens, Ancient and Modern.....	Dr. C. A. Young.
" 28	The Care of the Eyes.....	Dr. Chas. H. May.
December 7	Venice.....	Mr. J. L. Hurlbut.
" 5	Care of Babies.....	Dr. N. Oppenheim.
" 9	Christians, the Capital of Norway.....	Mr. John B. Uhle.
" 12	Paris.....	Mr. F. Gaylord.
" 16	The Moslem World.....	Dr. Thomas P. Hughes.

GRAMMAR SCHOOL, No 56 Twelfth Ward 90th Street and Lexington Avenue.

SPE	SUBJECT OF LECTURE	LECTURER
1	The Egyptian Temple, Karnak Masterpieces of Art The Greek Temple, The Parthenon Acropolis, Webster The Roman Temple, The Pantheon The Colosseum The Cathedral of Chartres, Notre Dame de Paris The Palace of Versailles, The Civil War	Prof. A. D. F. Hamlin Mr. A. T. Van Lear Prof. A. D. F. Hamlin Mr. Charles Bulfinch, Jr. Prof. A. D. F. Hamlin Mr. H. A. Cushing Prof. A. D. F. Hamlin Capt. R. S. Osburn
2	The Egyptian Temple, Karnak Masterpieces of Art The Greek Temple, The Parthenon Acropolis, Webster The Roman Temple, The Pantheon The Colosseum The Cathedral of Chartres, Notre Dame de Paris The Palace of Versailles, The Civil War	Mr. J. Gaylord Mr. James Bowle Mr. S. A. Krom Miss H. Louise Stevens Miss Ida Benfey Mr. George N. Thompson Mr. Geo. C. Lay.

GRAMMAR SCHOOL No. 96—Eighty-first Street and Avenue A.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	New Things About Africa	Mr. C. C. Adams.
" 31	Spain : The Land and the People	Mr. C. Sprague Smith.
November 4	Turning Points in the Civil War	Mr. Rossiter Johnson.
" 7	The World's Fair : Agriculture and Forestry	Mr. G. H. Payson.
" 11	The Navy in the Civil War	Capt. S. B. Osbon.
" 14	The World's Fair : Machinery, Electricity and Manufactures	Mr. G. H. Payson.
" 18	Girls Wanted	Mrs. E. A. Connor.
" 21	The Debt of the Nineteenth Century to Egypt.	Prof. W. H. Goodyear.
" 25	Prairie, Mountain and Shore	Mr. Chas. M. Skinner.
" 28	The Debt of the Nineteenth Century to Greece	Prof. W. H. Goodyear.
December 2	Madison, and the War of 1812	Mr. John P. Davis.
" 5	The Debt of the Nineteenth Century to Rome	Prof. W. H. Goodyear.
" 9	Polk, and the Mexican War	Mr. John P. Davis.
" 12	Business Life in Ancient Rome	Mr. Chas. Knapp.
" 16	Lincoln and the Civil War	Mr. John P. Davis.

HEBREW INSTITUTE—Seventh Ward—East Broadway and Jefferson Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28.....	Imperial Berlin and other German Cities.....	Mr. H. E. Northrop.
" 31.....	Les Miserables.....	Miss Ida Benfey.
November 4.....	Athens, Ancient and Modern.....	Mr. C. H. Young.
" 7.....	The Ballad.....	Miss Fanny G. Levy.
" 11.....	Paris.....	Mr. F. Gaylord.
" 14.....	Patriotic Songs and War Songs.....	Miss Kate S. Chittenden.
" 18.....	The River Thames.....	Mr. James Bowie.
" 21.....	From Lexington to Yorktown.....	Mr. Geo. C. Lay.
" 25.....	Scotland.....	Mr. W. T. Dorward.
" 28.....	The Navy in the Civil War.....	Capt. B. S. Osbon.
December 2.....	Birth of the Rocky Mountains.....	Dr. J. L. Wortman.
" 5.....	Our Old Navy.....	Mr. Henry W. Raymond.
" 9.....	The Great Northern Country.....	Mr. W. A. McAndrew.
" 12.....	Our New Navy.....	Mr. Henry W. Raymond.
" 16.....	Niagara.....	Mr. T. C. McClelland.

COOPER INSTITUTE—8th Street and Third Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
November 9	The Wild Flowers in and about New York City	Mr. C. Van Brunt.
" 16	Samuel Adams and Patrick Henry	Mr. Edwin D. Mead.
" 23	From Lexington to Yorktown	Mr. George C. Lay.
" 30	Les Misérables	Miss Ida Benfey.
December 7	The Great Northern Country	Mr. W. A. McAndrew.
" 14	Niagara	Mr. T. C. McClelland.
" 21	Imperial Berlin and other German Cities	Mr. H. E. Northrop.
" 28	Beautiful Hawaii	Capt. H. E. W. Campbell.

AMERICAN MUSEUM OF NATURAL HISTORY—77th Street and 8th Ave.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 30	Niagara	Prof. A. S. Bickmore.
November 6	Spain	Mr. Chas. Sprague Smith.
" 13	Recent Progress in Astronomy	Prof. John K. Rees.
" 20	Switzerland	Mr. H. E. Northrop.
" 27	Paris	Mr. Franklin Gaylord.
December 4	The City and University of Oxford	Mr. A. M. Collet.
" 11	The Birth of the Rocky Mountains	Dr. J. L. Wortman.
" 18	The Wild Flowers in and about New York City	Mr. C. Van Brunt.

COLUMBUS HALL—60th Street between Ninth and Tenth Avenues.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	World's Fair : Agriculture and Forestry	Mr. G. H. Payson.
" 31	First Aid to the Injured	Dr. H. A. Plympton.
November 4	The World's Fair : Machinery, Electricity and Manufactures	Mr. G. H. Payson.
" 7	Les Miserables	Miss Ida Benney.
" 11	Masterpieces of Art	Mr. A. T. Van Lear.
" 14	The History of Labor	Dr. W. H. Tolman.
" 18	Napoleon at St. Helena	Mr. J. P. McKnight.
" 21	Shakespeare and His Times	Prof. A. V. W. Jackson.
" 25	Holland	Mr. W. E. Griffiths.
" 28	Life in the Arctic Regions	Dr. F. A. Cook.
December 2	Norway	Mr. Frank R. Roberson.
" 5	New Things We Have Learned About Africa	Mr. Cyrus C. Adams.
" 9	Japan	Mr. H. B. Lewis.
" 12	The House We Live in	Dr. F. A. Lyons.
" 16	An Evening in China	Mr. A. C. Maclay.

Y. M. C. A. HALL—5 West One Hundred and Twenty-fifth Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 26.	Niagara on Tap	Mr. T. C. Martin.
" 30	Joan of Arc	Prof. Adolph Cohn.
November 2	A Glimpse at the History of Architecture	Mr. G. T. Snelling.
" 6	Shakespeare's Youth	Mr. H. B. Sprague.
" 9	Italy: The Land and the People	Mr. Chas. Sprague Smith.
" 13	Shakespeare, Matchlock and Sword	Mr. H. B. Sprague.
" 16	Masterpieces of Art	Mr. A. T. Van Lear.
" 20	Shakespeare's Wand and Sceptre	Mr. H. B. Sprague.
" 23	Touring Europe on Next to Nothing	Mr. J. Perry Worden.
" 27	The Birth of the Rocky Mountains	Dr. J. L. Wortman.
" 30	The Wild Flowers in and About New York City	Mr. C. Van Brunt.
December 4	The River Thames	Mr. James Bowie.
" 7	Prairie, Mountain and Shore	Mr. Chas. M. Skinner.
" 11	The Story of Science	Dr. T. O'Connor Sloane.
" 14	The Recent Progress of Astronomy	Mr. J. K. Rees.
" 18	Westminster Abbey	Miss Lucy R. Bliss.

MELROSE LYCEUM—One Hundred and Fiftieth Street and Third Avenue.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 28	Niagara.....	Mr. T. C. McClelland.
" 31	The Land of the Shamrock.....	Mr. L. H. Van Gaasbeek.
November 4	The Camera in Its Relation to Civilization.....	Mr. Palmer Heath Lyon.
" 7	Touring Europe on Next to Nothing.....	Mr. J. Perry Worden.
" 11	Imperial Berlin and other German Cities.....	Mr. H. E. Northrop.
" 14	The Artists of Barbizon.....	Mr. C. Sprague Smith.
" 18	Pictures from Hindoo Life.....	Mr. Geo. N. Thomssen.
" 21	Small Builders in the Great Ocean.....	Mr. Stephen Helm.
" 25	The Court of Queen Elizabeth.....	Mr. G. F. Greene.
" 28	The Progress of the Telegraph.....	Mr. M. H. Kerner.
December 2	How We are Governed; New York State.....	Mr. F. E. M. Bullowa.
" 5	The Wild Flowers in and about New York City.....	Mr. C. Van Brunt.
" 9	How We are Governed; New York City.....	Mr. F. E. M. Bullowa.
" 12	The Science of the Weather.....	Mr. E. B. Dunn.
" 16	The Five Senses of Man.....	Dr. H. A. Mott.

Y. M. C. A. HALL—5 West One Hundred and Twenty-fifth Street.

1895.	SUBJECT OF LECTURE.	LECTURER.
October 26	Niagara on Tap	Mr. T. C. Martin.
" 30	Joan of Arc	Prof. Adolph Cohn.
November 2	A Glimpse at the History of Architecture	Mr. G. T. Snelling.
" 6	Shakespeare's Youth	Mr. H. B. Sprague.
" 9	Italy: The Land and the People	Mr. Chas. Sprague Smith.
" 13	Shakespeare, Matchlock and Sword	Mr. H. B. Sprague.
" 16	Masterpieces of Art	Mr. A. T. Van Lear.
" 20	Shakespeare's Wand and Sceptre	Mr. H. B. Sprague.
" 23	Touring Europe on Next to Nothing	Mr. J. Perry Worden.
" 27	The Birth of the Rocky Mountains	Dr. J. L. Wortman.
" 30	The Wild Flowers in and About New York City	Mr. C. Van Brunt.
December 4	The River Thames	Mr. James Bowie.
" 7	Prairie, Mountain and Shore	Mr. Chas. M. Skinner.
" 11	The Story of Science	Dr. T. O'Connor Sloane.
" 14	The Recent Progress of Astronomy	Mr. J. K. Rees.
" 18	Westminster Abbey	Miss Lucy R. Bliss.

ANNUAL REPORT

OF THE

SUPERINTENDENT OF THE NAUTICAL SCHOOL.

NAUTICAL SCHOOL SHIP ST. MARY'S,
NEW YORK CITY, *December 31, 1895.*

GENTLEMEN:—I have the honor to submit for your consideration the following report of the operations of the Nautical School during the year 1895, with such recommendations to which, in my judgment, your attention should be called.

On January 1st, the school ship was at the wharf at the foot of East Twenty-eighth street, and the boys on their usual holiday vacation. Upon their return the regular course of instruction was continued, which consists of instruction in the English branches and mathematics, also such instruction in nautical branches as we were able to give without being actually at sea.

On April 1st, after the regular examinations by Mr. Jameson, sent by the Board of Education for this purpose, the winter's term closed and the boys were given two weeks leave.

During this time the vessel was taken to the dock in Erie Basin, the old metal stripped off, the bottom thoroughly scraped, cleaned and examined, and found to be in an excellent condition, new metal was put on, and the vessel towed back to the wharf at the foot of East Twenty-eighth street, where her topsides was caulked, and new bowsprit bitts were put in.

After the necessary amount of advertising, Mr. James Shewan was found to be the lowest bidder, and awarded the contract for all of this work at a cost of \$2,548.

It was the intention that the vessel should be towed to Glen Cove on April 20th. Inasmuch, however, as there was a bill before the State Legislature to transfer the care of the vessel

from the City of New York to the State, it was for some time a question who should pay for the provisions and the other expenses during the summer's cruise ; and our departure was consequently delayed.

The matter was referred to the Corporation Counsel, who decided that even should the State take charge of the vessel, it was not mandatory that the city should at once deliver her up, but could carry on the school until such time as seemed to them the most suitable. There being money available for that purpose, the Nautical Committee referred this matter to the Board of Education, who authorized the necessary expenditure. All haste was made to get on board the stores and provisions, and on May 15th the vessel was towed to Glen Cove, where sails were bent, the rigging rove and the vessel got ready to proceed by her own sail power. Sufficient time was spent in the Sound, exercising in tacking, wearing and all evolutions necessary to the proper handling of the vessel, to satisfy me that the boys could safely take the vessel to sea. We then went into the harbor of New London, where the last week was used in exercising in the boats, fire quarters, abandoning ship, and all the final preparations for the summer's cruise.

On Thursday, June 6th, at 10 A. M., there being breeze enough to work ship, we beat out of New London harbor and stood out to sea. During the first three days we made only about 250 miles ; the next two owing to a head gale, we lost ground ; we then got a fine breeze from the southwest which lasted the entire run to Ponta Delgada, on the Island of St. Michael's ; the run was made in thirteen days and sixteen hours. The long continuance of wind from the southwest had raised such a sea that our anchorage in this open roadstead was not only most uncomfortable, but I considered it unsafe. I therefore, at the expiration of two days, got under way and continued our cruise to Lisbon, the next port on our itinerary. The strong southwest winds still continued and lasted until we ran into the northerly winds usually found off the Portuguese coast ; we made the run in very fast time, arriving off the mouth of the Tagus River on the afternoon of the fourth day. Taking out the two

days spent at St. Michael's, our run from New London to Lisbon was eighteen days, which is one of the quickest passages on record.

We arrived in Lisbon during the celebration in honor of the 700th anniversary of the birth of St. Anthony, the patron Saint of Portugal. Parades, festivals, and a bull fight by day, and fire works at night, filled the city to its fullest capacity with people from all over Portugal, and made our visit there full of interest and excitement to the boys.

We dressed ship on June 27th, when the King was afloat, taking part in a large boat parade; also on June 28th, by invitation from the Captain of a British Man of War, in honor of the Anniversary of the Coronation of their Queen. On July 4th, by our invitation, all the foreign men of war in the harbor dressed ship in honor of our Independence Day.

After remaining here eleven days on July 8th, we left for Funchal, on the Island of Madeira, making this trip in the very fast time of three days. We were now well ahead of our programme and I considered the advisability of making another port before starting on our way home, but the fear that this might cause a delay, and the low state of our finances, caused me to decide to remain here a few days longer, and go nowhere else.

While in this port there were four United States training ships, representing all phases of training, at anchor at the same time. We found the "Enterprise," the Massachusetts State School ship. The next day the "Alliance," training ship for the naval apprentices, came in, and on the following day the "Monongahela," with the naval cadets. This gave an excellent opportunity for an exchange of ideas, and of comparison of the different class of boys. Owing to the proverbial generosity of "Jack Tar," and the disposition of Americans not to be outdone in hospitality or good fellowship, I feared the result of meeting on shore. I am happy to state, however, that not a single case of intoxication was found among our boys, and that their manly appearance and neatness of dress was commented upon by the officers of the other vessels.

These vessels being behind time their stay was short, and they left one week before we did. The "Monongahela" arrived at Hampton Roads the evening of August 20th; the "Alliance" at the same place twenty-four hours later. We arrived at New London the morning of August 21st. The "Enterprise" stopped at Las Palmas and did not arrive until much later.

I consider the port of Funchal the best one we visited for the boys. There are less temptations, more of interest to see, and their small amount of spending money will go farther. We remained here two weeks and left for home on July 24th. Our run home was a delightful one through the trades, with the promise of another very fast run to our credit; our own coast, however, treated us either to no wind at all, or adverse ones, so that our trip, instead of being made in twenty-three or twenty-four days as we expected, was made in twenty-seven, which is still far better than the average passage. Our time being one week better than the other training ships.

When we started on the cruise we had fifty-seven boys twenty-three of the Senior Class and thirty-four in the Junior. We should have had more in the Junior Class, but owing to the small appropriation, and the fact that it was thought the State would assume charge of the ship, no effort was made to increase the number, and a very careful examination was made of those that applied and only the best admitted.

Particular attention was given to the study of Navigation from the start; not an opportunity was lost to take sights of all kinds. There were few of the Senior Class who could not, and many of the Junior Class that could, do all the work necessary to the thorough navigation of a vessel to any part of the world. This I consider the most important part this School can play in the Nautical Education. One who goes to sea and has to do the work of a sailor, is bound to learn seamanship, while but few Captains or Mates have the time or inclination to instruct in Navigation. While particular attention was paid to this, no opportunity was lost to instruct in the other branches. Mr. Hodges, the Executive Officer, had daily classes in Seamanship; the boys were

continually in the chains heaving the lead; in port they had daily exercise in the boats, while they steered the ship from the time we left until we got back. I consider that a better class of boys never left the School Ship.

During the summer of 1893, with the small appropriation of \$20,000, owing to the expense of necessary repairs, it was not possible to make the summer's cruise, the School was closed until January 1st, 1894. With the same appropriation for 1894, having no repairs to make, and few stores to provide, we were enabled by taking a small number of boys to make the cruise and carry the School through the year. For 1895 we had the same appropriation, but having repairs to the extent of about \$2,500 to make, and having to buy a full supply of stores, even with the small number of boys we had, it was found impossible to carry the School through to the end of the year.

Upon our return to the United States, I at once represented the state of our appropriation to the Chairman of the Committee on Nautical School. At a meeting of this Committee, and after consultation with the Chairman of the Finance Committee, it was decided best to close the School until a new appropriation would become available on January 1st, 1896.

I at once brought the "St. Mary's," then at New London, Conn., to the city, secured her to the wharf at East Twenty-eighth street; graduated the Senior Class, gave the Junior Class leave until January 1st; discharged all men except those necessary to the proper care of the ship, and in every way reduced the expense of the vessel to the lowest possible limit. On November 1st, finding that additional money would be needed for this year, I so represented it to the Nautical Committee, who asked for \$2,000. A resolution to this effect passed the Board, and by them was sent to the Board of Estimate and Apportionment, who granted the transfer of that amount from the appropriation for the maintenance of Evening Schools.

Of the Graduating Class nearly all have obtained places as Cadets on American steamships; some from choice have gone to sea on sailing vessels; one is preparing to enter the Naval

Academy, and one has entered the Army in order that he may compete in an examination for a commission in the regular Army. A large portion of the Junior Class have gone to sea in one capacity or another, to pass the time until January 1st.

The health of every one on board has been excellent during the entire year, as is shown in the report of Surgeon Marsteller, and which is appended to this report.

On January 1st, 1895, the Officers of the School were:

Lieutenant-Commander W. L. Field, *Superintendent*.

Lieutenant D. D. V. Stuart, *Executive Officer*.

Ensign A. T. Long, *Senior Instructor*.

Ensign H. A. Wiley, *Instructor*.

Surgeon E. H. Marsteller, *Surgeon and Instructor*.

On April 25th, Lieutenant Stuart was detached as Executive Officer, and Lieutenant H. M. Hodges ordered in his place.

On April 15th, Ensign Long was detached as Senior Instructor, Ensign Wiley promoted to Senior Instructor, and Ensign W. O. Hulme ordered to his place.

On December 30th, Ensign Wiley was detached, Ensign Hulme promoted to Senior Instructor, and Ensign Mark L. Bristol ordered by the Department to the vessel and confirmed by the Board as Instructor.

Number of boys on School Ship, January 1st, 1895.....	48
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Number of boys admitted since that date.....	24
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Total	72
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Graduated	23
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Withdrawn.....	7
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Deserted	6
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Dismissed.....	10
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Number given leave until January 1st, 1896.....	26
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Total	72
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I last year recommended to the Committee a change in the uniform of the students. The fact that the school might be

turned over to the State, caused the Committee to delay its consideration. I again wish to call your attention to this matter, and in doing so quote from my last report :

“When this school was started about twenty (20) years ago it had for its object the education of seamen for the Merchant Marine, its requirements were instituted for that purpose and no doubt suited well. Many of those who graduated, however, owing in a great measure to the instruction they received at this school, were advanced to the position of officers, some are now commanding vessels. This has elevated the object of the school in the mind of the applicant until it is now looked upon as the school for the education of the *Officers* of the Merchant Marine, as the Naval Academy is for the Education of Officers of the Naval service.

“This idea has received a great impetus by the Law of Congress that requires all officers of the subsidized lines to be Americans, and that as a source of supply for those offices, every vessel shall carry a Cadet for each 1,000 tons measurement.

“The course of instruction has been gradually changed, until now, while none of the duties of the common sailor are omitted or even neglected, the course in navigation is very much advanced, greater opportunities are given for the boys themselves to handle ship. They are taught to command, to tack, to wear, and to do the duties they would have to do were they already the officers they are striving so hard to fit themselves to become.

“I would recommend that in addition to the clothes they now have, which are fitting and proper for their work on board ship, that they have a uniform for going ashore, and for dress occasions, more in keeping with the embryo officer, than the embryo sailor. Whether justly or unjustly the uniform of the common sailor, is one that tends to exclude rather than invite the wearer into the circles from which it is desirable to recruit our future Steamship commanders. This has been the experience, and often a great mortification to the better class of students on board this vessel.”

About ten years ago a number of the iron water tanks had

become so badly worn that they were renewed. The remaining ones were this summer found in such a bad state, that I had them taken from the hold and placed upon the deck to be thoroughly cleaned, inspected, and repaired. They were found beyond repair. I at once made a report of this fact, and obtained authority to advertise for bids for new ones. These bids are to be opened January 2d, 1896.

When these tanks were removed, it was found that the ceiling, upon which these tanks had rested, was very rotten and would have to be renewed, a further examination showed that the ceiling on both sides from stem to stern, was in the same condition. Authority was given to advertise for bids to put in new ceiling. These bids are to be opened on January 2d, 1896.

The school will be ready to open January 1st, 1896. Many of the boys who were given leave on Sept. 8th, when the school was closed, are now at sea, but have stated that they were to return to the school as soon as the different vessels upon which they are serving arrive in port.

Quite a number of applicants have been examined during this winter, and left with the understanding that they are to join the school as soon as it opens. A large number have been to the vessel to make inquiries, stating that they were to come for examination when the school opened and they can remain on board.

With the liberal appropriation this year allowed to the school, I hope to obtain a large number of good boys, and be able to make a beneficial and satisfactory cruise next summer.

I append the report of Surgeon E. H. Marsteller.

Very respectfully,

W. L. FIELD,

Lieutenant Commander U. S. N.

Superintendent N. Y. N. S.

To the Committee on Nautical School,

Board of Education, City of New York.

NAUTICAL SCHOOL SHIP ST. MARY'S,
NEW YORK CITY, *December* 30th, 1895.

LIEUTENANT COMMANDER W. L. FIELD, U. S. N., *Commanding*.

SIR:—I would respectfully submit the following brief report as regards the sanitary condition of the School Ship during the year. In fact, the vessel has been in such perfect Hygienic condition, since my last report, that I labor under difficulties for material worthy to note.

We have had but one case of an infectious nature and that during last winter. One of the students contracted Diptheria whilst on shore visiting his home where an older brother was down with the malady and afterwards it proved fatal. In one case the trouble was detected at an early stage of development, immediately isolated and invalided from the ship for treatment. He recovered, returned to the ship in time to make the summer's cruise and graduated with his class. There was but one other case of a serious nature, that being a member of the crew, who had sub-acute Articular Rheumatism and was transferred to the Hospital for treatment. He recovered also, and returned to duty.

Of course we had our allowance of the cases usually termed "trivial," they are generally of Dietetic or Climatic origin, requiring some attention, nursing and treatment; varying in duration from some hours to several days. Then the cases of minor surgery without limit, which are incidental to life on board ship, but requiring prompt treatment.

As pertaining to the ship there has been no change in her interior structure during the year. The living quarters for Officers, Students and Crew, the store-rooms, hold and compartments throughout, are in a perfect state of cleanliness, with good light, heat and ventilation.

During the summer's cruise we crossed the Atlantic visiting the ports of Ponta Delgada in the Azores; Lisbon, Portugal, and Funchal, Madeira. All of which we found in a state of

good health and free from all trouble of an infectious character. The water brought to the Ship in Lisbon was rejected as being too heavily charged with Chlorides and not fit for potable purposes.

Very respectfully,

E. H. MARSTELLER,

Surgeon U. S. N.

University of the State of New York.

ANNUAL REPORT

OF

The College of the City of New York,

FOR THE

Year Ending June 30, 1895.

REPORT.

To the Regents of the University of the State of New York :

The Trustees of the College of the City of New York make the following report to the Regents of the University for the year ending June 30, 1895 :

I.—CALENDAR FOR PAST YEAR.

First term of 18 weeks began September 13, 1894.

Second term of 18 weeks began January 28, 1895.

Commencement held June 20, 1895.

End of academic fiscal year, June 30, 1895.

Weeks and days actually in session, 36 weeks.

Weeks and days in long vacation, 12 weeks.

Weeks and days in other vacations, 2 weeks, 3 days.

Closed on 12 legal and other holidays during term-time.

II.—TRUSTEES.—OFFICERS, JUNE 30, 1895.

Chairman, ROBERT MACLAY.

Secretary, ARTHUR McMULLIN, A. M.

CHANGES IN TRUSTEES.—VACANCIES OCCURRING BETWEEN JUNE 30, 1894, AND JUNE 30, 1895.

MILES M. O'BRIEN,	}	Resigned, June, 1895.
JAMES W. GERARD,		
JAMES S. COLEMAN,		
RANDOLPH GUGGENHIEMER,		
EDWARD P. STEERS,		
CHARLES H. KNOX,		

THADDEUS MORIARTY,	}	Seats declared vacant, June, 1895.
ALBERT J. ELIAS,		
JAMES W. MCBARRON,		
GEORGE LIVINGSTON,		

APPOINTMENTS OR ELECTIONS MADE BETWEEN JUNE 30, 1894,
AND JUNE 30, 1895.

JOSEPH J. LITTLE, CHARLES C. WEHRUM, NATHANIEL A. PRENTISS, WILLIAM H. HURLBUT, ALEX. P. KETCHUM, . EDWARD H. PEASLEE. RICHARD H. ADAMS, DANIEL E. MCSWEENY, JACOB W. MACK, PHILIP MEIROWITZ,	}	New York City, June, 1895.
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III.—FACULTY.—OFFICERS, AUGUST 1, 1895.

President, ALEXANDER S. WEBB, LL.D.

Secretary, ADOLPH WERNER, PH.D.

APPOINTMENTS MADE BETWEEN JUNE 30, 1894, AND
JUNE 30, 1895.

ROBERT H. HATCH, Special Instructor in Elocution, May 21, 1895.

GASTON A. LAFFARGUE, Tutor in French, May 21, 1895.

BERNARD NAUMBURG, Tutor in Latin, May 21, 1895.

IV.—STUDENTS.—NUMBER AND CLASSIFICATION OF STUDENTS
DURING PAST YEAR.

Classes.	B. A.	Men.	B. S.	Grand Total.
Freshman, 1st year.....	137		189	326
Sophomore, 2d ".....	78		108	186
Junior, 3d ".....	49		66	115
Senior, 4th, ".....	27		37	64
Total.....	291		400	691

Beside the above the College has instructed 691 boys in sub-freshman or preparatory studies. None of these preparatory students are included in any statistics in this college blank.

RESIDENCE OF STUDENTS.

	Total.
New York City.....	All.

V.—DEGREES.—CONFERRED BY TRUSTEES SINCE LAST REPORT.

	B. A.	B. S.	M. A.	M. S.	Ph. D.
Men.....	23	35	1	----	----
Total.....	23	35	1	----	----
Total from origin..	1,000	702	275	65	3
					2,045

VI.—HONORS.—CONFERRED SINCE LAST REPORT.

Title of Honor.	Recipient.	Residence.
Valedictory.....	Everett B. Heymann.....	New York City.
Salutatory.....	Walter M. Wechsler.....	"
Third Honorary Oration..	Harry Cates Krowl.....	"
Fourth Honorary Oration..	Martin Wechsler.....	"
Fifth Honorary Oration..	Clarence Galicenstein.....	"
Sixth Honorary Oration..	Julius A. Flaum.....	"

VII.—REQUIREMENTS FOR ADMISSION.

See pages 10 to 21 of 46th Annual Register, forwarded herewith.

VIII.—COURSES OF STUDY.

See pages 10 to 21 of 46th Annual Register, forwarded herewith.

IX.—LIBRARY.

Total volumes now owned.....	29,740
Total pamphlets now owned.....	450

X.—SUMMARY OF COLLEGE PROPERTY.

Grounds.....	\$400,000 00
Buildings.....	60,000 00
Furniture.....	5,750 00
Apparatus.....	33,000 00
Library.....	65,000 00
Museum.....	9,500 00
Total used by College.....	\$573,250 00
Real estate mortgages.....	\$ 31,000 00
Government securities and other Medal funds.....	6,550 00
Cash on hand or in bank.....	6,000 00
Total investments.....	\$ 43,550 00
Total property used by College.....	\$573,250 00
Investments owned by College.....	43,550 00
Total College property.....	\$616,800 00

XI.—RECEIPTS DURING PAST YEAR.

Income of investments.....	\$ 2,008 02
All other sources.....	151,044 82
Total.....	<u>\$153,052 84</u>

XII.—EXPENDITURES DURING PAST YEAR.

Additions, improvement and repairs, as follows :

Grounds, buildings.....	\$ 1,234 17
Furniture.....	570 24
Apparatus.....	4,472 20
Library.....	2,071 00
Salaries for instruction.....	120,810 18
Salaries paid other officers and employees.....	10,246 39
Prizes, scholarships, etc.....	200 00
Fuel and lights.....	3,206 12
Other incidentals.....	5,054 30
All other purposes.....	3,880 22
Total.....	<u>\$151,244 82</u>

XIII.—AFFIDAVIT OF PRESIDING OFFICER.

STATE OF NEW YORK,)
COUNTY OF NEW YORK, } ss.:

ALEX. S. WEBB, LL.D., residing in said county, being duly sworn, deposes and says that he is the presiding officer of the College of the City of New York, that the foregoing report has been prepared in accordance with the instructions of the Regents of the University, and that the statements therein he verily believes to be in all respects true, and that an exact copy of this report has been filed with the permanent records of the institution.

ALEX. S. WEBB, LL.D.,

President.

Subscribed and sworn to before me,)
July 17, 1895.)

HENRY MAYELL,

Notary Public (2),

New York County.

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